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ABSTRACT

This document is the 1985-86 directory of the Association of Computer-Based Systems for Career Information (ACSCI). An introduction states that 41 states, the District of Columbia, and Puerto Rico have computer-based career information systems (CIDS) used by over 4,500,000 adult and student job seekers. Two-thirds of the systems are in elementary and secondary schools with the rest in training centers, vocational institutes, community colleges, and rehabilitation agencies. The 42 computer-based information delivery systems are listed alphabetically by state with information on management, organizations represented on advisory body, special features, delivery system medium and statistics, service statistics, and finances. Eleven descriptions of major software systems are given including the Appalachia Educational Laboratory Career Information System, Career Information System, Career Prospects, CHOICES, Coordinated Occupational Information Network/Bell & Howell, National Educational Software Service, DISCOVER, Guidance Information System, Micro-SKILLS, System of Interactive Guidance and Information, and VIEW. A description of ACSCI and technical notes are given. Full and supporting members of ACSCI are listed. (ABL)

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A WORD ABOUT ACSCI

ACSCI is a professional association for the advancement of career information. Formed in 1978, the Association and its members have worked to advance the use and improvement of career information, information technology, and services to users through standards, training, public information, and technical assistance. ACSCI's **Handbook of Standards for Computer-based Career Information Systems** is the accepted guide to standards of quality in this field. The **Handbook** is one of several ACSCI publications that may be ordered from the ACSCI Clearinghouse.

ACSCI membership is made up of organizations that operate computer-based systems for career information in states and major metropolitan areas of the country. Supporting members include developers of software and hardware that expedite career information delivery. Individual members include researchers, administrators, counselors and others who are interested in the field of career information. Members elect officers and a Board of Directors each year at their annual conference, to be held in Atlanta in 1985. Serving as officers in 1985 are President Carol Kososki, director of the South Carolina Occupational Information System; Vice President Sally Hawker, information development manager for Illinois' HORIZONS; and Secretary-Treasurer Darcy Mellen-Sullivan, user services specialist for the Wisconsin Career Information System. Names of ACSCI's current Full and Supporting members appear on the outside back cover.

DIRECTORY

of

State-Based

Career Information Delivery Systems

1985-86

Prepared by

ASSOCIATION OF COMPUTER-BASED

SYSTEMS FOR CAREER INFORMATION

ACSCI Clearinghouse
1787 Agate Street
University of Oregon
Eugene, Oregon 97403
(503) 686-3872

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TABLE OF CONTENTS

Introduction ..... page 1

Alphabetical Directory of CIDS ..... page 3

Descriptions of Major Software Systems ..... page 71

A Word about ACSCI .....Inside Front Cover

Technical Note .....Inside Back Cover

Members of ACSCI .....Back Cover

INTRODUCTION

The 1985-86 edition of ACSCI's **Directory of State-Based Career Information Delivery Systems** includes reports from 42 CIDS now operating in 40 states, the District of Columbia and Puerto Rico. Nine states do not have a computer-based CIDS currently in operation: Massachusetts, Mississippi, Missouri, Nevada, New Hampshire, Pennsylvania, South Dakota, Tennessee and West Virginia. In Arizona, the CIDS was being re-organized at the time of publication and unable to respond to the questionnaire.

Only six of the 42 reporting CIDS were unable to supply estimates of the numbers of people using their systems. Based on the numbers reported, plus other information as explained in the Technical Note on the inside back cover, it can be estimated that--

--In 1984-85, CIDS were used by more than 4.5 million career seekers to explore their options in the world of work. The number was 6.5 percent larger than was estimated in 1983-84.

--These users--youth and adults, students and job seekers, new entrants and re-entrants into work and education--gained access to a CIDS at one or another of 12,262 sites throughout the United States. This number was 8.3 percent higher than reported for 1983-84.

--Both the numbers of sites and of users are expected to continue growing in 1985-86, by 8 and 8.7 percent respectively.

Public elementary and secondary schools continue to account for two-thirds (8,112) of the sites served by CIDS in 1984-85. Community colleges and vocational/technical institutes provided another 895 sites. Employment and training centers and state employment security offices together offered access to a CIDS' information at 700 sites. So did 699 rehabilitation agencies. A wide variety of other settings accounted for the balance of sites.

As expected, the role of microcomputers in the delivery of career information continued to expand vis-a-vis that of time-shared computers. Twenty CIDS reported an aggregate increase of 541 in the number of sites served by micros. By contrast, there was a net increase of 104 in the number of time-shared sites, with nine CIDS reporting an aggregate increase of 202 and another nine reporting a decrease of 98.

Federal grants enabled most CIDS to get started in the 1970s and early 1980s, but by 1984-85 the costs of CIDS' services were met almost entirely from state sources and service fees from subscribing institutions. Of those systems that reported their operating budgets, 18 reported increases from 1983-84 totaling $961,000. However, another nine systems reported decreases in their budgets adding up to $275,000. The financing of the on-going costs of an operational CIDS remains a problem for a number of systems.

Following the Alphabetical Directory of CIDS are "Descriptions of Major Software Systems" provided by their vendors. Copies of the **Directory** may be ordered from the ACSCI Clearinghouse, at the address shown on the title page. The price is $5.00.

ALABAMA

OCCUPATIONAL INFORMATION COORDINATING COMMITTEE

BELL BUILDING, ROOM 400
207 MONTGOMERY STREET
MONTGOMERY, ALABAMA 36130

205/261-2990

* In service since 1977 * Delivery System: GIS

MANAGEMENT

Director:	Mary Louise Simms	Staff: 5.25 FTE
Information Analysis:	Mary Nell Wright	Administrative Agency:
	Linda Christy	Alabama Dept. of
User Services:	Carolyn Gafford	Economic & Community
Delivery Systems:	Carolyn Gafford	Affairs

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Employment Security Agency
Board of Education
Vocational Rehabilitation
Economic Development Agency
Job Training Coordinating Council

DELIVERY SYSTEM MEDIUM: Time-shared Computer

SERVICE

RECORD OF SERVICE, 1984-85	353 SITES	55,000 USERS
Estimated Service, 1985-86	500 Sites	

USER SITES	SHARE OF POTENTIAL SITES
13 Junior High Schools	14%
150 Senior High Schools	40%
63 Vocational/Technical Institutes	50%
25 Community & Junior Colleges	80%
21 Four-year Colleges & Universities	--
32 Employment and Training Centers	95%
18 Rehabilitation Agencies	100%
2 Correctional Institutions	
5 Libraries	
15 Other	

DELIVERY SYSTEM

Time-shared Computer	353 sites	55,000 users

FINANCES

Central Support	$376,000
TOTAL 1984-85 OPERATING BUDGET	$376,000
Estimated 1985-86 Operating Budget	$418,000

ALASKA CAREER INFORMATION SYSTEM

POUCH F
JUNEAU, ALASKA 99811

907/465-2980

* In service since 1979 * Delivery System: CIS

MANAGEMENT

Administrator: Terry Whitbeck
Project Assistant: Judy Miller
Project Assistant: Jan Throwell

Staff: 2.25 FTE
Administrative Agency:
Department of Education

SYSTEM DELIVERY MEDIA: Time-shared Computers
Microcomputers plus Books
Needle-Sort plus Books

SPECIAL FEATURES: Occupational Data System (ODS); Micro-QUEST; time-sharing on University of Alaska Computer Network

DEVELOPMENTAL PROJECTS: Micro-CIS; Military file

SERVICE

RECORD OF SERVICE, 1984-85 — 123 SITES — 9,559 USERS

USER SITES

88 School District Sites
7 Private Rehabilitation Agencies
5 College/Universities
11 Community Colleges
7 Employment Services
6 Other

FINANCES

Service Fees from Subscribing Institutions	$187,300
Central Support	50,000
TOTAL 1984-85 OPERATING BUDGET	$187,300

ARKANSAS OCCUPATIONAL-EDUCATIONAL INFORMATION SYSTEM

P.O. BOX 2981
LITTLE ROCK, ARKANSAS 72203

501/371-1541

* In service since 1982 * Delivery System: MOIS

MANAGEMENT

Director: Herman Sanders
Information Analysis: Tanny Harper
Staff: 1.5 FTE
Administrative Agency: Employment Security Division

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Arkansas Employment Security Division
Division of Rehabilitation Services
Division of Vocational and Technical Education
Industrial Development Commission
State Job Training Coordinating Council

SYSTEM DELIVERY MEDIA: Microcomputers plus Fiche
Booklet plus Fiche

SPECIAL FEATURES: Mentor directory; post-secondary institutions offering services to hearing impaired

SERVICE

RECORD OF SERVICE, 1984-85	690 SITES	155,000 USERS
Estimated Service, 1985-86	750 Sites	165,000

USER SITES	SHARE OF POTENTIAL SITES
2 Elementary Schools	
150 Junior High Schools	97%
366 Senior High Schools	90%
32 Vocational/Technical Institutes	100%
11 Community & Junior Colleges	85%
24 Colleges and Universities	89%
15 Employment and Training Centers	100%
10 Counseling Agencies	
31 Employment Security Offices	100%
25 Rehabilitation Agencies	
8 Adult Education Centers	
16 Other Public & Private Sites	

DELIVERY SYSTEMS

Microcomputers plus Fiche	605 sites
Booklet plus Fiche	85 sites

FINANCES

Central Support	$ 54,129
TOTAL 1984-85 OPERATING BUDGET	$ 54,129
Estimated 1985-86 Operating Budget	83,672

EUREKA

THE CALIFORNIA CAREER INFORMATION SYSTEM

5625 SUTTER AVENUE
RICHMOND, CALIFORNIA 94804

415/524-4976

* In service since 1976 * Delivery System: CIS

MANAGEMENT

Director:	Marilyn Maze	Staff: 8 FTE
Information Analysis:	Ann Gannon	Administrative Agency:
User Services:	Lea Beth Dober	Non-profit corporation
Delivery Systems:	Peter Wehausen	

SYSTEM DELIVERY MEDIA: Time-shared Computers
Microcomputers
Microcomputers plus Fiche

SPECIAL FEATURES: Industry file: Each occupation cross-referenced to industry; 48 major industries described, with cross-index to telephone yellow pages or employers' names.

Also available: Micro-QUEST access strategy on one floppy disk for Apples, used with EUREKA data files on microfiche; Micro-EUREKA on Apples with CORVUS hard disk drive; National College file on mainframes; SKILLS (an access strategy for adults) on DEC 10 and HP 3000; Micro-SKILLS I & II on two floppy disks for Apples and IBM.

DEVELOPMENTAL PROJECTS: SKILLS III access strategy for high schools. National College file on all mainframes.

U.S. DEPARTMENT OF EDUCATION
NATIONAL INSTITUTE OF EDUCATION
EDUCATIONAL RESOURCES INFORMATION
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TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

SERVICE

RECORD OF SERVICE, 1984-85	277 SITES	244,600 USERS
Estimated Service, 1985-86	300 SITES	255,000 USERS

	USER SITES	NUMBER OF USERS
180	Senior High Schools	135,000
68	Community & Junior Colleges	102,000
6	Colleges and Universities	3,000
6	Employment and Training Centers	1,200
3	Counseling Agencies	600
2	Rehabilitation Agencies	400
8	Correctional Institution	1,600
1	Library	200
3	Adult Education	600

DELIVERY SYSTEMS

Time-shared Computers	186 sites	181,930 users
Microcomputers plus fiche	47 sites	22,600 users
Microcomputers	44 sites	13,400 users

FINANCES

Service Fees from Subscribing Institutions	$280,837
Materials Sold	$162,471
TOTAL 1984-85 OPERATING BUDGET	$443,976
Estimated 1985-86 Operating Budget	$500,000

COLORADO CAREER INFORMATION SYSTEM

830 SOUTH LINCOLN
LONGMONT, COLORADO 80501

303/772-3136

* In service since 1976 * Delivery System: CIS

MANAGEMENT

Director:	Douglas C. Johnson	Staff: 4 FTE
Information Analysis:	Barbara Kennedy	Administrative Agency:
User Services:	Bill Hilsmeier	Colorado Department
Delivery Systems:	Vickie Morgan	of Education

SYSTEM DELIVERY MEDIA:
Time-shared Computers
Microcomputers plus Books

SPECIAL FEATURES:
National School File
SOC Conversion
CIDS Format
Physical Demands
Military File

DEVELOPMENT PROJECTS:
Hard Disk Conversion
Audio-visual Career Education Project;
Proprietary Schools File

SERVICE

RECORD OF SERVICE, 1984-85 290 SITES 190,000 USERS

USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
73 Junior High Schools	33%	53,000
120 Senior High Schools	66%	124,000
2 Vocational/Technical Institutes	75%	3,500
6 Community & Junior Colleges	90%	6,000
1 Employment and Training Center	90%	3,200
2 Libraries		800
5 Private Agencies		

DELIVERY SYSTEMS

Time-shared Computers	28 sites
Micro-QUEST plus Books	157 sites

FINANCES

Service Fees from Subscribing Institutions	$209,000
TOTAL 1984-85 OPERATING BUDGET	$267,000
Estimated 1985-86 Operating Budget	$240,000

CONNECTICUT OCCUPATIONAL INFORMATION SYSTEM

CONNECTICUT SOICC
56 ARBOR STREET
HARTFORD, CONNECTICUT 06106

203/566-2502

* In service since 1981

* Delivery System: ASK

MANAGEMENT

Director:	James Wivell	Staff: 4.0 FTE
Information Analysis:	Jeff Blodgett, Carol Bridges	Administrative Agency: Department of Education
User Services:	Deborah Koval	
Delivery Systems:	Al Hopkins	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Connecticut Labor Department
Department of Higher Education
Connecticut Labor Department-Employment Security Division
Vocational Education-State Department of Education
Vocational Rehabilitation-State Department of Education
Offices of Policy & Management
Dept. of Economic Development

SYSTEM DELIVERY MEDIA: Time-shared Computers

SPECIAL FEATURES: Weekly Job Bank Tape. File of manufacturing employers. File of day care services. Capacity to edit and update as necessary.

DEVELOPMENTAL PROJECTS: Planning File. Microcomputer OIS.

SERVICE

RECORD OF SERVICE, 1984-85	165 SITES	165,900 USERS
Estimated Service, 1985-86	170 Sites	170,900 Users

USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
10 Junior High Schools	5%	2,000
110 Senior High Schools	85%	81,000
17 Vocational/Technical Institutes	100%	14,500
5 Community & Junior Colleges	20%	8,000
4 Colleges and Universities	15%	10,000
2 Counseling Agencies		200
6 Rehabilitation Agencies	15%	27,800
4 Libraries	5%	10,000
7 WIN Offices	100%	12,400

DELIVERY SYSTEMS

Time-shared Computers	165 sites	165,900 users

FINANCES

Service Fees from Subscribing Institutions	$300,000
Central Support	270,100
TOTAL 1985-86 OPERATING BUDGET	$270,000*

* does not include user fees

DELPHI

THE DELAWARE COMPREHENSIVE OCCUPATIONAL INFORMATION SYSTEM
OFFICE OF OCCUPATIONAL AND LABOR MARKET INFORMATION
DELAWARE OICC
P.O. BOX 9029
NEWARK, DELAWARE 19714

302/368-6963

* In service since 1981 * Delivery System: DELPHI

MANAGEMENT

DELPHI Manager: Janis P. McCullough
Programmer/Analyst: Howard W. Gatchell

Staff: 2 FTE
Administrative Agency:
Delaware Dept. of Labor

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

State Secretary of Labor
State Board of Education
State Job Training Coordinating Council
State Divison of Vocational Rehabilitation
Division of Employment & Training
Delaware Development Office
Office of the Governor

SYSTEM DELIVERY MEDIA: Time-shared Computers

SPECIAL FEATURES: Includes career search capability; job file (all publicly posted Job vacancies); all Delaware employers; educational institutions, and employment training agencies.

DEVELOPMENTAL PROJECTS: Reduction in size to existing Delaware occupations; new SOC descriptors to be incorporated; new OIS information to be established for occupational and program outlook files.

SERVICE

RECORD OF SERVICE, 1984-85	146 Sites	14,000 users
Estimated Service, 1985-86	200 Sites	20,000 users

USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
40 Elementary Schools	25%	1,650
9 Junior High Schools	30%	1,000
56 Senior High Schools	95%	2,600
4 Vocational/Technical Institutes	100%	1,000
3 Community & Junior Colleges	75%	1,000
4 Job Service Offices	100%	4,000
25 Rehabilitation Agencies	85%	750
4 Correctional Institutions	75%	1,000
1 Library	10%	1,000

DELIVERY SYSTEMS

Time-shared Computers	146 sites	14,000 Users

FINANCES

TOTAL 1984-85 OPERATING BUDGET $97,500

DISTRICT OF COLUMBIA CAREER INFORMATION DELIVEERY SYSTEM

500 C STREET, N.W., SUITE 207
WASHINGTON, DC 20001

202/639-1085

* In service since 1979

* Delivery System: GIS

MANAGEMENT

Director:	Wendell P. Russell	Staff: 3 FTE
Information Analysis:	James T. Cooper	Dept. of Employment Services
User Services:	Carl McCleese	
Delivery Systems:	Carl McCleese	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

D. C. Department of Employment Services
D. C. Board of Education — D. C. Public Schools
D. C. Department of Human Services — Office for Economic Development

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SYSTEM DELIVERY MEDIA:

Time-shared Computers
Needle-Sort plus books
Booklet plus books

SPECIAL FEATURES:

Support Systems file provides infortion on day care, transportation services, and other means of assistance to enable citizens to obtain and maintain jobs locally.

DEVELOPMENTAL PROJECTS:

D.C. Employer File provides profiles of major Washington Area employers that include location, company size, employer-related benefits, method of recruitment, career education provided by the firm, and major occupations employed by the company.

SERVICE

RECORD OF SERVICE, 1984-85	35 SITES	7,600 USERS
Estimated Service, 1985-86	42 Sites	12,000 users

USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
12 Junior High Schools	100%	400
14 Senior High Schools	100%	2,500
4 Career Centers	100%	1,500
1 Four-year College	20%	500
1 Counseling Agencies	20%	2,000
2 Rehabilitation Agencies	80%	700
1 Library		

DELIVERY SYSTEMS

Time-shared Computers	35 Sites	7,000 users
Needle-sort plus books	1 Site	250 users
Booklet plus books	30 Site	2,500 users

FINANCES

Central Support	$60,000
TOTAL 1984-85 OPERATING BUDGET	$60,000
Estimated 1985-86 Operating Budget	$68,000

FLORIDA CHOICES

CENTER FOR CAREER DEVELOPMENT SERVICES
DOE, KNOTT BUILDING
TALLAHASSEE, FLORIDA 32301

904/488-0400

* In service since 1979

* Delivery System: CHOICES

MANAGEMENT

Director CCDS:	William Woolley	Staff: 21 FTE
Director CHOICES:	Glenn Thomas	Administrative Agency:
Information Analysis:	John Marshall	Leon County School Board/
User Services:	Zelda Rogers	Department of Education
Delivery Systems:	Diane DeVore	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

HRS Office of Vocational Rehabilitation
FDOE Division of Vocational Education
FDOE Division of Community Colleges
Department of Commerce
Private Sector Employer
FDOE BOR
Department of Labor & Employment Services, Employment Division
Department of Labor & Employment Services, Job Training
FDOE, Divisionof Public Schools
FDOE, Office of Career Education

SYSTEM DELIVERY MEDIA: Dedicated Computers
Micro-CHOICES
Microcomputer plus Fiche (PRE-VIEW)
Booklet plus Fiche (Florida VIEW)

SPECIAL FEATURES: Florida CHOICES mainframe files include 1,200 civilian occupations, 200 military occupations, daily updated Job Bank of 10,000 openings, 600 post-secondary schools with 8,300 programs of study, and some 1,000 sources of financial aid for Florida students. Microfiche files include PreVIEW, Middle Schools and VIEW information on 605 occupations, 305 Florida schools, and 400 sources of financial aid.

DEVELOPMENTAL PROJECTS: CAPS employer file allowing localized access by SOC from mainframe CHOICES; expansion of microcomputer access to mainframe CHOICES; microcomputer version of financial aid file.

SERVICE

RECORD OF SERVICE, 1984-85	235 SITES	88,370 USERS
Estimated Service, 1985-86	250 Sites	108,840 users

USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
3 Junior High Schools	2%	760
99 Senior High Schools	28%	48,000
28 Vocational/Technical Institutes	92%	7,280
53 Community & Junior Colleges	95%	24,900
20 Colleges and Universities	90%	9,910
15 Rehabilitation Agencies	84%	3,040
4 Correctional Institutions	24%	900
2 Counseling Agencies	2%	700

DELIVERY SYSTEMS

Dedicated Computers	205 sites	98,540 users
Micro-CHOICES	25 sites	5,700 users
Microcomputer plus Fiche	20 sites	4,600 users
Booklet plus Fiche (VIEW)	488 sites	131,250 users

FINANCES

Service Fees from Subscribing Institutions	$556,000
Legislative Appropriation	525,000
Federal Vocational funds	417,000
General Revenue	205,000
TOTAL 1984-85 OPERATING BUDGET	$1,703,000
Estimated 1985-86 Operating Budget	$1,853,000

GEORGIA CAREER INFORMATION SYSTEM

GEORGIA STATE UNIVERSITY
BOX 1028, UNIVERSITY PLAZA
ATLANTA, GEORGIA 30303-3083

404/658-3100

* In service since 1979 * Delivery System: CIS

MANAGEMENT

Director:	Les Janis	Staff: 8.0 FTE
Information Analysis:	Karen Gilbreath	Administrative Agency:
User Services:	Martha J. Banks	Georgia State University
Delivery Systems:	Les Janis	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

State Department of Community Affairs State Department of Educatio
State Department of Human Resources: Div. of Rehabilitation Services
Board of Regents, University of Georgia
State Board of Postsecondary Vocational Education
State Department of Labor Business Council of Georgia
Georgia AFL-CIO Representatives of Private Business
State Department of Industry and Trade
Georgia Occupational Information Coordinating Committee

SYSTEM DELIVERY MEDIA: Time-shared Computers
Microcomputers plus Books
Needle-Sort plus Books

SPECIAL FEATURES: Standard CIS features, plus
MicroSKILLS I and II programs.

DEVELOPMENTAL PROJECTS: Military Career Information Project
in cooperation with other CIS states.

SERVICE

RECORD OF SERVICE, 1984-85	185 SITES	66,823 USERS
Estimated Service, 1985-86	203 Sites	73,505 Users

USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
96 Jr. & Senior High Schools	25%	47,878
4 Vocational/Technical Institutes	13%	1,150
9 Community & Junior Colleges	31%	2,800
8 Colleges and Universities	20%	3,995
13 Employment and Training Centers	N/A	2,400
8 Employment Security Offices	30%	1,100
4 Counseling Agencies	N/A	400
40 Rehabilitation Agencies	80%	6,200
2 Correctional Institutions	N/A	500
1 Library	N/A	400

DELIVERY SYSTEMS

Time-shared Computers	49 sites	26,707 users
Micro-QUEST plus Books	80 sites	29,964 users
Needle-Sort plus Books	56 sites	10,152 users

FINANCES

Service Fees from Subscribing Institutions	$100,000
Central Support	140,000
TOTAL 1984-85 OPERATING BUDGET	$240,000
Estimated 1985-86 Operating Budget	$250,000

CAREER KOKUA

THE HAWAII CAREER INFORMATION DELIVERY SYSTEM

1830 MOTT-SMITH DRIVE, ROOM A-117
HONOLULU, HAWAII 96822

808/548-5330

* In service since 1979

* Delivery Systems:
CIS, DISCOVER,
local software

MANAGEMENT

Director:	Peggy E. Kusano	Staff: 13.5 FTE
Information Analysis:	Jan Kinoshita	Administrative Agency:
User Services:	Phyllis Dayao	Department of Labor and
Delivery Systems:	Barbara Hotta	Industrial Relations

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Department of Labor & Ind. Relations
Office of Employment & Training Administation
Commission on Employment & Human Resources
Department of Social Services & Housing-Division of Voc. Rehab.
State Director for Vocational Education
County of Kauai County of Maui
North Shore Career Training Corporation
University of Hawaii-Office of the President
City & County of Honolulu - Office of Human Resources
University of Hawaii Community Colleges Department of Education
Alu Like, Inc. Hawaii Job Training Coordinating Council
Department of Planning & Economic Development

SYSTEM DELIVERY MEDIA: Time-shared Computers
Full Microcomputer System
Needle-Sort plus Books

SPECIAL FEATURES: System meets specific Pacific Islands' needs.

DEVELOPMENTAL PROJECTS: Implementation of Military Career Information Project; Financial Aid File; Skills

SERVICE

RECORD OF SERVICE, 1984-85	95 SITES	93,600 USERS
Estimated Service, 1985-86	103 Sites	105,000 Users

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
1	Elementary Schools	.5%	200
12	Junior High Schools	41.0%	3,400
50	Senior High Schools	61.0%	55,600
7	Community & Junior Colleges	100.0%	13,000
3	Colleges and Universities	20.0%	5,400
8	Employment and Training Centers	42.0%	5,600
5	Transition Centers		7,400
7	Rehabilitation Agencies	16.0%	2,400
1	Library	2.0%	400
1	Other		200

DELIVERY SYSTEMS

Time-shared Computers	49 sites	69,600 users
Full Microcomputer System	1 site	1,000 users
Needle-sort plus Books	82 sites	24,000 users

FINANCES

Service Fees from Subscribing Institutions	$ 34,788
Central Support	368,996
TOTAL 1984-85 OPERATING BUDGET	$403,784
Estimated 1985-86 Operating Budget	$421,549

IDAHO CAREER INFORMATION SYSTEM

ROOM 301, LEN B. JORDAN BUILDING
650 WEST STATE STREET
BOISE, IDAHO 83720

208/334-3705

* In service since 1979

* Delivery System: CIS

MANAGEMENT

Director:	Charles R. Mollerup	Staff: 5 FTE
Information Analysis:	Greg Stitt	Administrative Agency:
User Services:	Shirley Silver-Kaufman	Department of Employment
Delivery Systems:	Terry Mocettini	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Secondary Schools
Colleges and Universities
Department of Education
Division of Vocational Education
Employment & Training (JTPA)
Department of Commerce
Vocational Rehabilitation
Department of Employment

SYSTEM DELIVERY MEDIA:

Time-shared Computers
Full Microcomputer System
Microcomputers plus Books
Needle-Sort plus Books

SPECIAL FEATURES:

Occupational Descriptions
Occupational Preparation
Bibliography
Programs of Study and Training
School Information (Idaho and surrounding states)
Financial Aid Information
Job Search Information
Idaho Employer Information
Program planning data (ODS)
Glossary of Terms
Apprenticieship Information
Military Information

SERVICE

RECORD OF SERVICE, 1984-85	137 SITES	32,250 USERS
Estimated Service, 1985-86	142 Sites	35,000 users

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
80	Junior and Senior High Schools	47%	19,850
6	Vocational/Technical Institutes	100%	2,700
2	Community & Junior Colleges	67%	1,050
3	Colleges and Universities	60%	2,500
10	Employment & Training Centers	40%	1,200
23	Employment Security Offices	88%	2,300
1	Counseling Agencies		50
6	Rehabilitation Agencies	100%	1,200
2	Correctional Institutions	100%	800
3	Libraries	6%	500
1	Armed Services	25%	150
2	Counselor Education Programs		

DELIVERY SYSTEMS

Time-shared Computers	29 sites	16,500 users
Full Microcomputer System	3 sites	900 users
Micro-QUEST plus Books	20 sites	3,500 users
Needle-sort plus Books	83 sites	8,750 users

FINANCES

Service Fees from Subscribing Institutions	$ 67,465
Central Support	156,940
TOTAL 1984-85 OPERATING BUDGET	$224,405
Estimated 1985-86 Operating Budget	$218,256

IOICC/HORIZONS

217 E. MONROE
SUITE 203
SPRINGFIELD, ILLINOIS 62706

217/785-0789

* In service since 1981

* Delivery System:
CIS, Micro-SKILLS

MANAGEMENT

Director: Jan Staggs
Deputy Director: G. Richard McKenzie
Information Analysis: Sally Hawker
User Services: Donnita Barton-Dulania
Delivery Systems: Dane Selby

Staff: 14 FTE
Administrative Agency:
Eastern Illinois
University

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Department of Commerce and Community Affairs
State Board of Education
Department of Employment Security
Department of Rehabilitation Services
Council on Vocational Education
Illinois Community College Board
Eastern Illinois University
Job Training Coordinating Council

SYSTEM DELIVERY MEDIA: Time-shared Computers, Microcomputers, Needle-Sort plus Books, Booklet plus books

SERVICE

RECORD OF SERVICE, 1984-85	372 SITES	105,183 USERS
Estimated Service, 1985-86	425 Sites	130,000 Users

	USER SITES	NUMBER OF USERS
128	Junior and Senior High Schools	33,526
1	Vocational/Technical Institutes	42
29	Community & Junior Colleges	6,853
6	Colleges and Universities	24,400
13	Counseling Agencies	4,751
23	Employment and Training Centers	7,811
32	Employment Security Offices	7,200
51	Rehabilitation Agencies	9,150
3	Correctional Institutions	325
7	Library	3,300
72	Public Aid	7,000
7	Other	825

DELIVERY SYSTEMS

Time-shared Computers	94 sites	22,000 users
Microcomputers	89 sites	42,075 users
Needle-sort plus books	46 sites	27,461 users
Booklet plus books	92 sites	15,317 users

FINANCES

Service Fees from Subscribing Institutions	$ 75,000
Central Support	577,000
TOTAL 1984-85 OPERATING BUDGET	$652,000*
Estimated 1985-86 Operating Budget	$675,000*

* includes IOICC and OIS

INDIANA
TRAINING & EDUCATIONAL DATA SERVICE

150 WEST MARKET STREET, SUITE 503
INDIANAPOLIS, INDIANA 46204

317/232-1906

* In service since 1981

* Delivery System: CIS

MANAGEMENT

Director:	Susan A. Horowitz	Staff: 5.5 FTE
Information Analysis:		Administrative Agency:
User Services:	Wanda Threlkeld	Private non-profit
Delivery Systems:	Linda Copenhaver	organization

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Commission for Higher Education
Indiana Office of Occupational Development
Vincennes University Department of Education
Goodwill Industries of Central Indiana, Inc.
Fort Wayne Community School Corporation
Curtis Publishing Co. United Student Aid Fund

SYSTEM DELIVERY MEDIA: Time-shared Computers
Full Microcomputer System

SPECIAL FEATURES: Local files for voc-tech programs, financial aid, occupations, handicapped services, standard occupational classification system; computerized version of Holland's Self-Directed Search; Micro-SKILLS; degree registry; telephone counseling service.

DEVELOPMENTAL PROJECTS: Job match with Indiana Employment Security Division; Basic Skills; an evaluation, testing and remediation package for reading, writing and arithmetic.

SERVICE

RECORD OF SERVICE, 1984-85	383 SITES	65,370 USERS
Estimated Service, 1985-86	440 Sites	75,000 Users

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
234	Junior & Senior High Schools	55%	35,100
10	Vocational/Technical Institutes	35%	6,250
15	Community & Junior Colleges	50%	10,000
10	Colleges and Universities	30%	5,000
8	Employment and Training Centers		5,600
44	Employment Security Offices	100%	1,000
2	Counseling Agencies		70
47	Rehabilitation Agencies	100%	1,200
12	Libraries		1,000
1	Other		150

DELIVERY SYSTEMS

Time-shared Computers	336 sites	56,218 users
Full Microcomputers System	47 sites	9,152 users

FINANCES

Service Fees from Subscribing Institutions	$352,500
Central Support	77,500
TOTAL 1984-85 OPERATING BUDGET	$430,000
Estimated 1985-86 Operating Budget	$430,000

CAREER INFORMATION SYSTEM OF IOWA

DEPARTMENT OF PUBLIC INSTRUCTION
GRIMES STATE OFFICE BUILDING
DES MOINES, IOWA 50319

515/281-5501

* In service since 1974 * Delivery System: CIS

MANAGEMENT

Director:	Roger Foelske	Staff: 8 FTE
Info. Analysis:	June Harris, Steve Mahr	Administrative Agency:
User Services:	Gary Henrichs, Richard Latch	Department of
Computer Services:	Jim Gould, Steve Mahr	Public Instruction

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Department of Public Instruction:
- Vocational Education Div.
- Vocational Rehabilitation Div.

Iowa OICC
Department of Human Services
Department of Corrections
Iowa Development Commission
Colleges and Universities

SYSTEM DELIVERY MEDIA: Time-shared Computers
Micro-search plus books
Needle-Sort plus books and fiche

SPECIAL FEATURES: Available in Vietnamese, Laotian, Braille, and large print. System has developed strategies for infusion of career information into the curriculum process.

DEVELOPMENTAL PROJECTS: Full delivery of system via Apple and Radio Shack microcomputers with hard disk storage capacity, or 22 diskettes. Conversion to IBM PC. Border state school information.

SERVICE

RECORD OF SERVICE, 1984-85	724 SITES	572,446
Estimated Services, 1985-86	730 Sites	

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
590	Junior & Senior High Schools	94%	238,845
30	Non-public Jr. & Sr. H.S.		21,218
26	Community & Junior Colleges	100%	42,492
3	Colleges & Universities		66,823
6	Employment & Training Centers		1,250
19	Employment Security Offices	25%	115,000
15	Counseling Agencies		21,218
20	Rehabilitation Agencies	100%	11,000
1	Correctional Institution	10%	200
13	Libraries	10%	45,000
4	Dept. of Human Services		4,800
7	Specialized private schools		4,600

DELIVERY SYSTEM

Time-shared Computers	209 sites
Micro-search plus books	476 sites
Needle-Sort plus books and fiche	440 sites

FINANCES

Service fees from Subscribing Institutions	$ 60,000
Central Support	$313,906
TOTAL 1984-85 OPERATING BUDGET	$373,906
Estimated 1985-86 Operating Budget	$403,617

KANSAS CAREERS

KANSAS STATE UNIVERSITY
BLUEMONT HALL - ROOM 363
MANHATTAN, KANSAS 66506

913/532-6540

* In service since 1980

* Delivery System:
KANSAS CAREERS

MANAGEMENT

Director:	Dennis Angle	Staff: 4.3 FTE
Information Analysis:	Marilee Puls	Administrative Agency:
User Services:	Vacant	Kansas State University
Delivery Systems:	James Braun	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Governor's Special Grant
State Department of Education
Kansas Occupational Information Coordinating Committee
Rehabilitation Services
Kansas State University

SYSTEM DELIVERY MEDIUM: Microcomputers

SPECIAL FEATURES: Career exploration system (English & Spanish)

SERVICE

RECORD OF SERVICE, 1984-85:	292 SITES	107,123 USERS
Estimated Service,1985-86:	310 Sites	113,900 Users

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
25	Junior High Schools	8%	12,051
218	Senior High Schools	63%	75,572
1	Vocational/Technical Institutes	10%	
1	Community & Junior College		400
8	Four-year Colleges & Universities	10%	4,600
35	Rehabilitation Agencies	98%	14,000
4	Other		500

DELIVERY SYSTEMS

Microcomputers	292 sites	107,123 Users

FINANCES

Service Fees from Subscribing Institutions	100% of budget
TOTAL 1984-85 OPERATING BUDGET	$250,000
Estimated 1985-86 Operating Budget	$269,000

KENTUCKY CAREER INFORMATION SYSTEM

KENTUCKY OICC
275 E. MAIN ST., 2 CENTER
FRANKFORT, KENTUCKY 40621

502/564-4258

* In service since 1983

* Delivery System: CCAPP

MANAGEMENT

Coordinator: Don C. Sullivan
Manager: Steve Hyre

Staff: 2 FTE
Administrative Agency: Private Enterprise

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Special Projects Committee of Kentucky SOICC

SYSTEM DELIVERY MEDIUM: Microcomputers

SPECIAL FEATURES: Delivery by Microcomputer diskettes (Apple or Radio Shack). Interaction for aptitude-interest-work situation-curriculum-temperaments-physical capacities-length of education time requirements, with three possible outcomes: (1) college bound, (2) vocational, (3) labor market.

DEVELOPMENTAL PROJECTS: Merge Kentucky-specific Micro OIS data into CCAPP for a full career information delivery system.

SERVICE

RECORD OF SERVICE, 1984-85	**292 SITES**	**87,200 USERS**
Estimated Service, 1985-86	292 Sites	87,200 Users

	USER SITES	NUMBER OF USERS
6	Elementary Schools	700
29	Junior High Schools	13,500
197	Senior High Schools	53,000
5	Vocational/Technical Institutes	3,000
13	Community & Junior Colleges	2,600
26	Rehabilitation Agencies	11,500
14	Four-year Colleges & Universities	1,700
2	Libraries	1,200

DELIVERY SYSTEMS

Microcomputers	292 sites	87,200 users

FINANCES

TOTAL 1984-85 OPERATING BUDGET	$122,000
Estimated 1985-86 Operating Budget	$145,000

LOUISIANA

CAREER GUIDANCE INFORMATION DELIVERY SYSTEM

DEPARTMENT OF EDUCATION
MANAGEMENT INFORMATION SYSTEMS
3455 FLORIDA BOULEVARD
BATON ROUGE, LA 70806

504/342-0090

* In service since 1982 * Delivery System: GIS

MANAGEMENT

Director:	Horace R. Olivier	Staff: 3 FTE
Information Analysis:	Annis Tarver	Administrative Agency:
User Services:	Marla Hymel	Louisiana Department
Delivery Systems:	Joe Joubert	of Education

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Louisiana Board of Elementary and Secondary Education

SYSTEM DELIVERY MEDIA: Time-shared Computers
Microcomputers

DEVELOPMENTAL PROJECTS: More sites will be added.

SERVICE

RECORD OF SERVICE, 1984-1985	167 SITES	94,735 USERS
Estimated Service, 1985-1986	190 Sites	106,000 Users

USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
1 Junior High School	1%	250
143 Senior High Schools	23%	82,585
9 Vocational/Technical Institutes	17%	6,000
2 Community & Junior College	16%	400
8 Four-year Colleges & Universities	25%	4,000
3 State Department of Education	100%	500
1 Library		1,000

DELIVERY SYSTEMS

Time-shared Computers	151 sites
Microcomputers	16 sites

FINANCES

Information not provided

MAINE
CAREER INFORMATION DELIVERY SYSTEM

MAINE OCCUPATIONAL INFORMATION COORDINATING COMMITTEE
STATEHOUSE STATION 71
AUGUSTA, MAINE 04333

207/289-2331

* In service since 1978

* Delivery System: GIS, DISCOVER

MANAGEMENT

Director: Stephen Thompson

Staff: 1 FTE
Administrative Agency:
State Department of Labor

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

State Department of Labor
State Development Office
State Department of Educational and Cultural Services
State Planning Office
Department of Human Services
Board of Education

SYSTEM DELIVERY MEDIA:

Time-shared Computers
Micro-search plus Maine Job Box
Booklet plus Maine Job Box

SPECIAL FEATURES:

K-12, CIDS program
Elementary Product: ABC's of the World of Work in Maine

SERVICE

RECORD OF SERVICE, 1984-1985	160 SITES	37,835 USERS
Estimated Service, 1985-1986	165 Sites	45,000 Users

USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
50 Elementary Schools	25%	1,000
25 Junior High Schools	30%	1,200
80 Senior High Schools	75%	35,000
1 Vocational/Technical Institute		100
1 Four-year College & University	25%	300
1 Employment and Training Center		150
1 Rehabilitation Agency		60
1 Business & Industry		25

DELIVERY SYSTEMS

Time-shared Computers	10 sites
Microcomputers	65 sites
Micro-search plus Job Box	25 sites
Booklet plus Fiche	34 sites

FINANCES

Central support plus user fees

INFORM

THE MARYLAND CAREER INFORMATION DELIVERY SYSTEM

2517 N. CHARLES ST.
BALTIMORE, MARYLAND 21218

301/366-8570

* In service since 1980 * Delivery System: MOIS

MANAGEMENT

Director: Ingrid C. Heroy Staff: 5.5 FTE
Information Analysis: Delores Fulton Administrative Agency:
User Services: Theresa Bryant

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BOARD

State Department of Education
Vocational Education Division
State Department of Libraries
State Apprenticeship Council
State Board of Higher Education
Post-Secondary Independent Schools
Vocational Rehabilitation Division
State Board of Community Colleges
State Employment & Training Division

SYSTEM DELIVERY MEDIA:
Time-shared Computers
Microfiche and microsearches
Hard disk computer

DEVELOPMENTAL PROJECT:
Consolidation of various methods of delivery

SERVICE

RECORD OF SERVICE, 1984-85	356 SITES
Estimated Service, 1985-86	376 Sites

	USER SITES
280	Elementary, Junior and Senior High Schools, Vocational/ Technical Institutes, Community & Junior Colleges
20	Middle Schools
3	Employment & Training Centers
2	Counseling Agencies
30	Rehabilitation Agencies
10	Correctional Institutions
23	Libraries
8	Other

FINANCES

TOTAL 1984-85 OPERATING BUDGET	$176,000
Estimated 1985-86 Operating Budget	$150,000

MICHIGAN OCCUPATIONAL INFORMATION SYSTEM

MICHIGAN DEPARTMENT OF EDUCATION
VOCATIONAL-TECHNICAL EDUCATION SERVICE
P. O. BOX 30009
LANSING, MICHIGAN 48909

517/373-0815

* In service since 1977 * Delivery System: MOIS

MANAGEMENT

Director:	Joseph McGarvey	Staff: 12 FTE
Information Analysis:	Jack Lawrence	Administrative Agency:
User Services:	Mary Hengish	Department of Education

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Michigan Department of Education
Business and Industry Organized Labor
Michigan Employment Security Commission
Michigan Department of Labor MOIS User Sites
Michigan Occupational Information Coordinating Committee

SYSTEM DELIVERY MEDIA: Microcomputers
Micro-search plus Fiche
Booklet plus Fiche

SPECIAL FEATURES: "MOIS Structured Search" strategy Provides MOIS software, microfiche, and support documents to other State Occupational Information Systems to serve as a model for other state systems. Provides technical and application inservice training.

DEVELOPMENTAL PROJECTS: Application of the system to individual career planning.

SERVICE

RECORD OF SERVICE, 1984-1985: 2,364 SITES
Estimated Service, 1985-1986: 2,425 Sites

	USER SITES	SHARE OF POTENTIAL SITES
51	Elementary Schools	
439	Junior High Schools	
676	Senior High Schools	
44	Vocational/Technical Institutes	
50	Community & Junior Colleges	100%
86	Four-year Colleges & Universities	64%
46	Employment and Training Centers	
72	Employment Security Offices	100%
50	Rehabilitation Agencies	
33	Correctional Institutions	
299	Libraries	80%
19	Business & Industry	
77	JTPA/SDA	
93	Social Service Agencies	
117	Other Educational Agencies	
212	Other	

DELIVERY SYSTEMS

Microcomputers	464 sites
Micro-search plus Fiche	1,235 sites
Booklet plus Fiche	1,050 sites

FINANCES

Central Support	$626,237
TOTAL 1984-85 OPERATING BUDGET	$626,237
Estimated 1985-86 Operating Budget	$641,000

MINNESOTA CAREER INFORMATION SYSTEM

906 CAPITOL SQUARE BUILDING
550 CEDAR STREET
ST. PAUL, MINNESOTA 55101

612/296-4080

* In service since 1976 * Delivery System: CIS

MANAGEMENT

Director: Diane Miller
Information Analysis: Terry Hamm
User Services: Barbara Yates
Delivery Systems: Terry Hamm

Staff: 6 FTE
Administrative Agency:
Minnesota Department of Education

REPRESENTATIVES ON GOVERNING OR ADVISORY BODY

Dept. of Employment Security
Division of Vocational Rehabilitation
Minnesota OICC
University of Minnesota
Inver Hills Community College

SYSTEM DELIVERY MEDIA: Microcomputers
Micro-QUEST plus Books

DEVELOPMENTAL PROJECTS: High School Planner-software linking individual four-year curriculum with career and post-secondary training options.

SERVICE

RECORD OF SERVICE, 1984-1985	230 SITES	75,000 USERS
Estimated Service, 1985-1986	248 Sites	78,000 Users

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
20	Junior High Schools	15%	3,500
175	Senior High Schools	50%	65,000
4	Vocational/Technical Institutes	12%	2,500
2	Community & Junior Colleges	15%	1,000
3	Four-year Colleges & Universities	10%	2,000
5	Employment and Training Centers		600
35	Rehabilitation Agencies	85%	2,000
1	Counseling Agency		50
1	Correctional Institution		50
2	Business & Industry		50

DELIVERY SYSTEMS

Microcomputer	100 sites
Micro-QUEST plus Books	100 sites

FINANCES

TOTAL 1984-1985 OPERATING BUDGET	$200,000
Estimated 1985-86 Operating Budget	$200,000

MONTANA CAREER INFORMATION SYSTEM

DEPARTMENT OF LABOR & INDUSTRY
P.O. BOX 1728
HELENA, MONTANA 59624

406/444-2430 or 2661

* In service since 1981 * Delivery System: CIS

MANAGEMENT

Director:	M. Sumyyah Bilal	Staff: 5 FTE
Information Analysis:	Constance Enzweiler	Administrative Agency:
User Services:	Joyce Norgard	Department of Labor &
Delivery Systems:	Sandy Merdinger or Paul Dunham	Industry

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Job Service
Vocational Education
Native Americans
Vocational Rehabilitation
Organized Labor
Private industry
Colleges

SYSTEM DELIVERY MEDIA: Time-shared Computers
Micro-search plus Books
Needle-sort plus Books

DEVELOPMENTAL PROJECTS: Job Search publication for high schools; Micro-Skills adaptation to Montana labor market; Micro-CIS implementation.

SERVICE

RECORD OF SERVICE, 1984-1985:	70 SITES	11,000 USERS
Estimated Service, 1985-1986:	123 Sites	

USER SITES

1	Junior High School
48	Senior High Schools
1	Vocational/Technical Institute
5	Community & Junior Colleges
4	Four-year Colleges & Universities
27	Employment and Training Centers
15	Employment Security Offices
1	Counseling Agency
12	Rehabilitation Agenies
1	Correctional Institution
1	Library
6	Talent Search
1	Other

DELIVERY SYSTEMS

Time-shared Computers	9 sites
Micro-QUEST plus Books	59 sites
Needle-sort plus Books	83 sites

FINANCES

Service Fees from individual users	$31,000
Central Support	105,000
TOTAL 1984-85 OPERATING BUDGET	$136,000
Estimated 1985-86 Operating Budget	$190,000

NEBRASKA CAREER INFORMATION SYSTEM

511 E. NEBRASKA HALL
UNIVERSITY OF NEBRASKA
LINCOLN, NEBRASKA 68588-0553

402/472-2570

* In service since 1978 * Delivery System: CIS

MANAGEMENT

Director:	Fay Larson	Staff: 5 FTE
Information Analysis:	Vacant	Administrative Agency:
UserServices:	Alicia Oestmann	University of Nebraska-Lincoln
Delivery Systems:	Bernard Weiss	

ADVISORY ORGANIZATION

Department of Education, Nebraska SOICC
Center for Business & Vocational Teacher Education

SYSTEM DELIVERY MEDIA:

Microcomputers
Micro-QUEST plus Books
Needle-sort plus Books

SPECIAL FEATURES:

All four versions of NCIS--three based on QUEST (Needle-Sort, Micro-Sort, and Career Prospects) and one on the sorting inventory of Micro-SKILLS--include occupational information about 557 job titles and educational information about Nebraska schools and programs of study.

DEVELOPMENTAL PROJECTS

Add software for all four versions of NCIS for the IBM microcomputer.

SERVICE

RECORD OF SERVICE, 1984-1985 — 250 SITES — 69,000 USERS
Estimated Service, 1985-1986 — 260 Sites

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
5	Junior High Schools	5%	
182	Senior High Schools	60%	66,363
14	Community & Junior Colleges	93%	2,000
7	Four-year Colleges & Universities	50%	700
10	Employment and Training Centers	80%	
4	Employment Security Offices		
3	Counseling Agencies		
10	Rehabilitation Agencies		
4	Correctional Institutions		
2	Libraries		
7	Military		
2	Educational Service Units		

DELIVERY SYSTEMS

Microcomputers	77 sites	15,400 users
Micro-QUEST plus Books	86 sites	17,200 users
Needle-sort plus Books	77 sites	15,000 users
Booklet plus fiche	10 sites	1,000 users

FINANCES

Service Fees from Subscribing Institutions	$ 91,000
Central Support	72,000
TOTAL 1984-85 OPERATING BUDGET	$173,000
Estimated 1985-86 Operating Budget	$170,000

NEW JERSEY
CAREER INFORMATION DELIVERY SYSTEM

NEW JERSEY OCCUPATIONAL INFORMATION
COORDINATING COMMITTEE
CN 056
TRENTON, NEW JERSEY 08625-0056

609/292-2682

* In service since 1982

* Delivery System:
State supported

MANAGEMENT

Director: Laurence H. Seidel
Information Analysis: Paul Suda

Staff: 4 FTE
Administrative Agency:
New Jersey Department of Labor

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

DeVry Institute
Brookdale Community College
Jersey City State College
Union County Employment & Training
New Jersey OICC
Vocational Education Resource Center
Professional Guidance Association

SYSTEM DELIVERY MEDIA: Time-shared Computers

DEVELOPMENTAL PROJECTS: Financial Aid File, Graduate School File

SERVICE

RECORD OF SERVICE, 1984-85	126 SITES
Estimated Service, 1985-86	175 Sites

USER SITES

1	Junior High School
63	Senior High Schools
4	Vocational/Technical Institutes
10	Community & Junior Colleges
10	Employment & Training Centers
5	Employment Security Offices
1	Counseling Agency
27	Rehabilitation Agencies
4	Correction Institutions
1	Library

DELIVERY SYSTEMS

Time-shared Computers	126 sites

FINANCES

Service Fees from Subscribing Institutions	$ 50,000
Central Support	$130,000
TOTAL 1984-85 OPERATING BUDGET	$180,000

NEW MEXICO

ALBUQUERQUE PUBLIC SCHOOLS CIS
807 MOUNTAIN ROAD N.E.
ALBUQUERQUE, NEW MEXICO 87102

505/243-3563

* In service since 1976 * Delivery System: GIS

MANAGEMENT

Director: Rudy B. Miller Staff: 2 FTE
Administrative Agency: Albuquerque Public Schools

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

State Occupational Information Coordinating Committee
Employment Security Division

SYSTEM DELIVERY MEDIA: Time-shared Computers

SPECIAL FEATURES: State Files-occupations, aids, vocational technical education

DEVELOPMENTAL PROJECTS: Employer file

SERVICE

RECORD OF SERVICE, 1984-1985 43 SITES 25,300 USERS

	USER SITES	NUMBER OF USERS
23	Junior High Schools	5,800
11	Senior High Schools	19,000
1	Four-year Colleges & Universities	500
8	New Mexico Career Information System	N/A

DELIVERY SYSTEMS

Time-shared Computers 43 sites 25,300 users

FINANCES

Information not provided

NEW YORK CITY -- METROGUIDE

METROPOLITAN GUIDANCE INFORMATION SYSTEM

DIVISION OF PUPIL PERSONNEL SERVICES
NEW YORK CITY BOARD OF EDUCATION
347 BALTIC STREET
BROOKLYN, NEW YORK 11201

718/596-8260

* In service since 1979 * Delivery System: CIS

MANAGEMENT

Director:	Deborah E. Perlmutter	Staff: 7 FTE
Information Analysis:	Timothy Rucinski	Administrative Agency
User Services:	Vacant	New York City Board
Delivery Systems:	Saundra Hollingsworth	of Education

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Advisory Council on Occupational Education
Divisions of New York City Board of Education
City University of New York — Catholic Archdiocese
Bureau of Labor Statistics — Participating Sites
New York SOICC — New York State Education Department

SYSTEM DELIVERY MEDIUM: Time-shared Computer
Combination of time-shared and microcomputers.

SPECIAL FEATURES: Sites can use microcomputers alone for occupational exploration in combination with access to time-shared computer for the full data base.

DEVELOPMENTAL PROJECTS: Improved delivery of financial aid information. Improved updating capability. Additional accessing strategies.

SERVICE

RECORD OF SERVICE, 1984-1985	110 SITES	90,000 USERS
Estimated Service, 1985-1986	125 Sites	130,000 Users

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
5	Junior High Schools	2%	2,500
100	Senior High Schools	95%	85,000
2	Counseling Agencies		1,000
1	Rehabilitation Agency		500
2	Dropout Outreach Centers		1,000

DELIVERY SYSTEMS

Time-shared Computers	110 sites	90,000 users

FINANCES

Central Support from New York City Board of Education tax levy funds.

NORTH CAROLINA CAREERS

DEPARTMENT OF PUBLIC INSTRUCTION
EDUCATION BUILDING
RALEIGH, NORTH CAROLINA 27611

919/733-7046

* In service since 1982

* Delivery System: North Carolina Careers

MANAGEMENT

Contact: Juanita Taylor
Administrative Agency: NC Department of Public Instruction

ORGANIZATIONS REPRESENTED ONGOVERNING OR ADVISORY BODY

Department of Public Instruction
Department of Community Colleges
Vocational Rehabilitation Services
Department of Administration
Employment Security Commission
Div. of Employment & Training

SYSTEM DELIVERY MEDIA: Micro-search plus books

DEVELOPMENTAL PROJECTS: Audiovisual CIDS enhancement; software for additional types of hardware

SERVICES

RECORD OF SERVICE, 1985-85 320 SITES

266 Junior and Senior High Schools
8 Vocational/Technical Institutes and Community & Junior Colleges
4 Four-year Colleges & Universities
12 Correctional Institutes

53

DELIVERY SYSTEMS

Microcomputer plus Books 320 sites

FINANCES

Information not provided

NORTH DAKOTA

OCCUPATIONAL INFORMATION COORDINATING COMMITTEE

P. O. BOX 1537
BISMARCK, ND 58502

701/224-2733

*In service since 1983 Delivery System: CHOICES

MANAGEMENT

Director: Dan R. Marrs
Information Analysis: Dan R. Marrs
User Services: CSG Corporation

Administrative Agency:
Job Service North Dakota

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Governor's Employment & Training Forum
State Board of Vocational Education
State Board of Higher Education
Vocational Rehabilitation
Job Service North Dakota
Economic Development Commission
Department of Public Instruction

SYSTEM DELIVERY MEDIA: Microcomputers

SPECIAL FEATURES: Micro-CHOICES plus North Dakota occupational file. Career Outlook tabloid, with infor-mation on 317 occupations, delivered to 247 sites.

DEVELOPMENTAL PROJECTS: User's Guide & Workbook for Career Outlook.

SERVICE

RECORD OF SERVICE, 1984-1985 110 SITES 14,000 USERS

USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
110 Senior High Schools	45%	14,000 users

DELIVERY SYSTEMS

Microcomputer	110 sites	14,000 users

FINANCES

All fees for CHOICES paid directly to CSG Corporation

OHIO CAREER INFORMATION SYSTEM

DEPARTMENT OF EDUCATION, ROOM 902
65 SOUTH FRONT STREET
COLUMBUS, OHIO 43209

614/462-6771

* In service since 1978 * Delivery System: GIS

MANAGEMENT

Director:	Karen Shylo	Staff: 4 FTE
Information Analysis:	Jim Pinchak	Administrative Agency:
User Services:	Anne Lika	Department of Education
Delivery Systems:	Marilyn Shipman	

SYSTEM DELIVERY MEDIA: Time-shared Computers

SPECIAL FEATURES: Career Education Classroom Activities file for grades 9 and 10

SERVICE

RECORD OF SERVICE, 1984-1985: 550 SITES
Estimated Service, 1985-1986: 575 Sites

USER SITES

454 Elementary, Junior and Senior High Schools
11 Vocational/Technical Institutes
3 Community & Junior Colleges
11 Four-year Colleges & Universities
6 Employment Security Offices
1 Counseling Agency
14 Rehabilitation Agencies
3 Correctional Institutions
5 Libraries
1 Business & Industry
10 Nonprofit agencies

FINANCES

Financial information not provided.

OKLAHOMA GUIDANCE INFORMATION SYSTEM

305 WILL ROGERS BUILDING
OKLAHOMA CITY, OKLAHOMA 73105

405/557-7124

* In service since 1979 * Delivery System: GIS

MANAGEMENT

Director: Gloria A. Weatherall
User Services: Charla Byrd
Delivery Systems: Gloria A. Weatherall

Staff: 1.5 FTE
Administrative Agency: Oklahoma Employment Security Commission

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Business Labor Government

SYSTEM DELIVERY MEDIUM: Time-shared Computers

SPECIAL FEATURES: System uses 22 portable terminals to maximum capacity. Four regional facilitators with the State Department of Education, Indian Education Section, provide GIS collectively to 56 schools. Fourteen local employment offices use portable terminals to provide OK/GIS program to local schools for Career Day Fairs.

DEVELOPMENTAL PROJECTS: Oklahoma Employment Security personnel will pilot a program in Miami, Oklahoma using system to provide counseling to 2,000 persons laid off during a recent plant closing.

SERVICE

RECORD OF SERVICE, 1984-1985	127 SITES	23,025 USERS
Estimated services, 1985-86	152 Sites	27,630 Users

USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
91 Senior High Schools	17%	17,875
5 Vocational/Technical Institutes	3%	650
4 Community & Junior Colleges	16%	2,000
3 Four-year Colleges & Universities	13%	1,200
5 Employment and Training Centers	42%	500
14 Employment Security Offices	34%	N/A
5 Other sites		800

DELIVERY SYSTEMS

Time-shared Computers	32 sites	23,025 users

FINANCES

Service Fees from Subscribing Institutions	$89,450
Central Support	45,110
TOTAL 1984-85 OPERATING BUDGET	$134,560
Estimated 1985-86 Operating Budget	$146,056

OREGON CAREER INFORMATION SYSTEM

1787 AGATE STREET
EUGENE, OREGON 97403

503/686-3872

* In service since 1971 * Delivery System: CIS

MANAGEMENT

Director:	Cheryl Buhl	Staff: 11.25 FTE
Information Analysis:	Naomi Stewart	Administrative Agency:
	Fran Miller	University of Oregon
User Services:	Susan Roudebush	
Delivery Systems:	Dan Erdmann	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Local School Districts	Oregon Dept. of Human Resources
Community Colleges	County Educational Service Districts
Oregon Department of Education	Oregon Employment Division

SYSTEM DELIVERY MEDIA:
Time-shared Computers
Microcomputers
Micro-QUEST plus books
Needle-sort plus books

SPECIAL FEATURES:
National school sort and information
Job and work-site modification information
Short-term training information
Area VISIT files
Military information file
Entrepreneurship information

DEVELOPMENTAL PROJECTS:
High School Planner
Talking Micro-CIS at School for the Blind
Community college course planner
Expanded Job Search information

SERVICE

RECORD OF SERVICE, 1984-1985 311 SITES 152,567 USERS
Estimated Service, 1985-1986 325 Sites 160,000 Users

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
30	Elementary Schools	3%	
27	Junior High Schools	45%	
193	Senior High Schools	84%	127,823
8	Community Colleges	53%	11,694
2	Four-year Colleges & Universities		650
4	Employment and Training Centers		1,750
4	Counseling Agencies		500
45	Rehabilitation Agencies		10,000
1	Publice Library		150

DELIVERY SYSTEMS

Time-shared Computers	163 sites
Microcomputer plus Books	48 sites
Needle-sort plus Books	163 sites
Microcomputers	30 sites

FINANCES

Service Fees from Subscribing Institutions	$369,179
Central Support	32,000
TOTAL 1984-85 OPERATING BUDGET	$401,179
Estimated 1985-86 Operating Budget	$411,177

PUERTO RICO

BANCO COMPUTADORIZADO DE INFORMACION
OCUPACIONAL DE PUERTO RICO
PRUDENCIO RIVERA MARTINEZ BUILDING
505 MUNOZ RIVERA AVENUE
HATO REY, PUERTO RICO 00918

809/753-7110

* In service since 1983 * Delivery system: CHOICES

MANAGEMENT

Director:	Jesus Hernandez-Rios	Staff:	4 FTE
Information Analysis:	Vacant	Administrative Agency:	
User Services:	Ana Wilda Gonzalez		Puerto Rico SOICC
Delivery Systems:	Vacant		

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Vocational Rehabilitation Program
Job Training State Council
Bureau of Employment Security
Vocational Education & Technical Program
Governor's Office, Economic Opportunity Office
Department of Education
Economic Development Administration

SYSTEM DELIVERY MEDIA: Microcomputers

SPECIAL FEATURES: System is in Spanish and English language. Uses TRS-80, Model III or IV Radio Shack microcomputer and a printer. System also has information on microfilm. Includes licensed occupations, mental and physical demands, and education institutions--also available by municipalities. System has "compare" and "why not" components.

DEVELOPMENTAL PROJECTS: System will include Military Careers information. A publication of assistive devices for the handicapped is being prepared and will be available on diskettes. New components: National Colleges, Financial Aid, and Transferable Skills.

SERVICE

RECORD OF SERVICE, 1984-85	28 SITES	2,489 USERS
Estimated Service, 1985-86	36 Sites	3,528 Users

USER SITES	NUMBER OF USERS
1 Community & Junior College	87
4 Four-year Colleges & Universities	1,249
10 Employment & Training Centers	730
11 Employment Security Offices	370
2 Rehabilitation Agencies	53

DELIVERY SYSTEMS

Microcomputers	28 sites	2,489 users

FINANCES

TOTAL 1984-85 OPERATING BUDGET	$ 68,581
Estimated 1985-86 Operating Budget	$141,114

RHODE ISLAND

CAREER INFORMATION DELIVERY SYSTEM
22 HAYES STREET, Room 133
PROVIDENCE, RHODE ISLAND 02908

401/272-0830

* In service since 1984

* Delivery system: GIS

MANAGEMENT

Director: Mildred T. Nichols

Staff: 2 FTE

Administrative Agency: Rhode Island OICC

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BOARD

Department of Employment Security Department of Economic Development
Bureau of Vocational/Technical Education
Division of Vocational Rehabilitation Office of Higher Education
Industry Education Labor Council, Inc.
Job Training Partnership Office

DEVELOPMENTAL PROJECTS Financial Aid File (R.I.)

SERVICE

RECORD OF SERVICE, 1984-85	20 SITES	16,248 USERS
USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
1 Junior High School		1,088
14 Senior High Schools	35%	10,218
2 Counseling Agencies		1,116
1 Rehabilitation Agency	20%	3,826
1 Library		

DELIVERY SYSTEMS

Microcomputers	20 Sites	16,248 Users

FINANCES

Service Fees from Subscribing Institutions	$37,100
Central Support (RIOICC in-kind)	8,482
TOTAL 1984-85 OPERATING BUDGET	$45,582

SOUTH CAROLINA
OCCUPATIONAL INFORMATION SYSTEM

1550 GADSDEN STREET
P. O. BOX 995
COLUMBIA, SOUTH CAROLINA 29202

803/758-3165

* In service since 1979

* Delivery System: COIN

MANAGEMENT

Director:	Carol Kososki	Staff: 7 FTE
Information Analysis:	Angeleen Hunter	Administrative Agency:
User Services:	Angeleen Hunter	S.C. Employment Security
Delivery Systems:	Larry Johnson	Commission

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

S. C. Employment Security Commission
S. C. Department of Education
S. C. Department of Vocational Rehabilitation
S. C. Commission on Higher Education
S. C. State Board for Technical and Comprehensive Education
S. C. Budget & Control Board, Research & Statistics Services
S. C. Office of the Governor
S. C. State Development Board

SYSTEM DELIVERY MEDIA: Time-shared Computers

SPECIAL FEATURES: In addition to COIN, SCOIS offers Job Service job openings, and electronic mail services: Ed-News, Legislative Bulletin, Eco-News, and Business News. Also, Educational Applicants file, Financial Aid file, S. C. Graduate School Directory, and S. C. Private Vocational Schools file.

DEVELOPMENTAL PROJECTS: Developmental work on audio-visual CIDS Enhancement (ACE), a career information system which combines micro-computer and video tape technology.

SERVICE

RECORD OF SERVICE, 1984-1985:	318 SITES	142,350 USERS
Estimated Service, 1985-1986:	325 Sites	150,000 Users

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
25	Middle/Junior High Schools	12%	20,500
161	Senior High Schools	77%	75,000
38	Vocational/Technical Institutes	69%	15,000
22	Community & Junior Colleges	137%	18,000
14	4-year Colleges & Universities	36%	8,000
6	Employment & Training Centers		500
7	Employment Security Offices	24%	500
13	Counseling Agencies		1,000
11	Rehabilitation Agencies		1,000
8	Correctional Institutions		1,000
4	Libraries		750
1	Business & Industry		100
8	Other		1,000

DELIVERY SYSTEMS

Time-shared Computers	295 sites	140,350 Users
Booklet plus fiche	23 sites	2,000 users

FINANCES

Service Fees from Subscribing Institutions	$174,400
Central Support	189,704
TOTAL 1984-85 OPERATING BUDGET	$364,104
Estimated 1985-86 Operating Budget	$425,000

TEXAS DISCOVER

SOICC
ROOM 526T, TEC BUILDING
15th AND CONGRESS AVENUE
AUSTIN, TEXAS 78778

512/463-2399

* In test mode since 1982 * Delivery System: DISCOVER

MANAGEMENT

Director:	Michael R. Fernandez	Staff: 5 FTE
Information Analysis:	SOICC Staff	Administrative Agency:
User Services:	SOICC Staff	Texas SOICC/Texas
Delivery Systems:	SOICC Staff	Employment Commission

SOICC MEMBER AGENCIES

Texas Employment Commission
Texas Education Agency
Coordinating Board, Texas
Texas Rehabilitation Commission
College and University System
Texas Economic Development Commission
Offices of the Governor, Dept, of Community Affairs

SPECIAL FEATURES: Two versions available: one for students grades 7 through 12, one for college students and adults

DEVELOPMENTAL PROJECTS: Operation of a toll-free occupational information hotline; conversion to DISCOVER Micro version.

SERVICE

RECORD OF SERVICE, 1984-1985 --not in operation--

FINANCES

TOTAL 1984-85 OPERATING BUDGET	$62,000
Estimated 1985-86 Operating Budget	$70,000

UTAH SOICC

140 SOCIAL HALL AVENUE
SALT LAKE CITY, UTAH 84111

801/533-2028

* In service since 1978 * Delivery Systems: GIS, DISCOVER

MANAGEMENT

Director:	Max E. Parker	Staff: 1 FTE
Information Analysis:	Larry K. Wardle	Administrative Agency:
User Services:	Lynn Jensen	Utah SOICC
Delivery Systems:	Max Jensen	
	Max Parker	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Vocational Education
Vocational Rehabilitation
Department of Employment Security
Community & Economic Development
Office of Job Training for Economic Development
Office of Planning & Budget
State System of Higher Education
Chamber of Commerce
AFL-CIO

SYSTEM DELIVERY MEDIA: Time-shared Computers
Microcomputers
Booklet plus books

SPECIAL FEATURE: State-specific occupational/wage information for nine planning areas. Names, staffing patterns, and hiring practices for employers.

DEVELOPMENTAL PROJECTS: Planning statewide microwave net to all areas with no toll calls.

SERVICE

RECORD OF SERVICE, 1984-1985:	83 SITES	40,700 USERS
Estimated Service, 1985-1986	92 Sites	45,700 Users

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
5	Elementary Schools	3%	1,500
22	Junior High Schools	20%	4,500
42	Senior High Schools	47%	21,500
2	Vocational/Technical Institutes	40%	600
2	Community & Junior Colleges	67%	3,500
2	Four-year Colleges & Universities	50%	5,000
2	Employment and Training Centers	67%	1,000
2	Employment Security Offices	12%	1,500
2	Counseling Agencies		600
4	Rehabilitation Agencies		2,500

DELIVERY SYSTEMS

Time-shared Computers	70 sites	39,000 users
Microcomputer	15 sites	3,000 users
Booklet plus Fiche	4 sites	1,500 users

FINANCES

Service Fees from Subscribing Institutions	$80,000
TOTAL 1984-85 OPERATING BUDGET	$80,000

VOICES

VERMONT OCCUPATIONAL INFORMATION AND CAREER EXAMINATION SYSTEM

P.O. BOX 488
MONTPELIER, VERMONT 05602

802/229-0311

* In service since 1981

* Delivery Systems: CHOICES, DISCOVER, Scan IV, Career Directions Audible Career ExplorerACE

MANAGEMENT

Director:	Tom Douse	Staff: 1 FTE
Information Analysis:	Maria Belliveau	Administrative Agency:
User Services:	Faye Cliche	Dept. of Employment
Delivery Systems:	Tom Douse	and Training

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

State Employment and Training
Department of Education
Dept. of Human Services
Department of Development and Community Affairs
Department of Labor and Industry
Office of Policy Research & Coordination
Vermont SOICC

SYSTEM DELIVERY MEDIA: Time-shared Computers
Microcomputers

SPECIAL FEATURES: Career Resource Library

DEVELOPMENTAL PROJECTS: Audible output component is being co-developed with the Division of the Blind. Micro-OIS.

SERVICE

RECORD OF SERVICE, 1984-1985 61 SITES 15,000 USERS

	USER SITES	NUMBER OF USERS
15	Elementary, Junior High, and Senior High Schools	5,000
16	Vocational/Technical Institutes	6,151
1	Community & Junior Colleges	300
12	Employment and Training Centers and Employment Security Offices	1,500
1	Counseling Agencies	75
1	Rehabilitation Agencies	100
6	Correctional Institutions	527
1	Business and Industry	25
1	Job Corps	500

VIRGINIA VIEW

VIRGINIA TECH
205 W. ROANOKE STREET
BLACKSBURG, VA 24061

703/961-7158

***In Service since 1980** ***Delivery System: Modified MOIS**

MANAGEMENT

Director:	Carl McDaniels	Staff: 6 FTE
Information Analysis:	Lou C. Talbutt	Administrative Agency:
User Services:	Juanita K. Snipes	Virginia Tech
Delivery Systems:	Juanita K. Snipes	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

SOICC
Department of Rehabilitation Services
Department of Social Services
Vocational Education
Virginia Employment Commission
Department of Economic Development
Department of Corrections
Rehabilitative School Authority
Division of Apprenticeship Training
Department of Education
Council of Higher Education
Community College System
Public Schools Guidance
State Chamber of Commerce
Private Career Schools
State Council on Vocational Education
Governor's Employment & Training Division
Manpower Consortiums

SYSTEM DELIVERY MEDIA:
Microcomputers plus fiche
Booklet plus fiche
Toll-free career information hotline

SPECIAL FEATURES:
Audio version for the visually impaired.
Hotline for special ed. classes and visually impaired.
Manually scored College Search for Virginia schools.
1984 Apprenticeship Directory.
1985 Licensed Occupations Directory

DEVELOPMENTAL PROJECTS:
Military Grant to update military occupational and training data.

SERVICE

RECORD OF SERVICE, 1984-85	894 SITES	730,600 USERS
USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
29 Elementary Schools		11,000
217 Junior High Schools		108,000
274 Senior High Schools	99%	263,000
12 Vocational/Technical Institutes	100%	6,000
26 Community & Junior Colleges	100%	64,000
37 Colleges & Universities	91%	132,000
26 Employment & Training Centers		3,500
39 Employment Security Offices		3,750
40 Counseling Agencies		120,000
60 Rehabilitation Agencies		5,750
8 Correctional Institutions		3,000
93 Libraries		
3 Business & Industry		1,600
30 Private Schools		8,000

DELIVERY SYSTEMS

Micro-search plus fiche	673 sites
Booklet plus fiche	364 sites

FINANCES

Central Support	$407,581
TOTAL 1984-85 OPERATING BUDGET	$407,581
Estimated 1985-86 Operating Budget	$350,000

WASHINGTON

WOIS, The CAREER INFORMATION SYSTEM

1415 HARRISON AVE. WEST, SUITE 201
OLYMPIA, WASHINGTON 98502

206/866-6825

* In service since 1975

*Delivery System: CIS

MANAGEMENT

Director:	Marvin Harmon	Staff: 7 FTE
Information Analysis:	Debbie Walch	Administrative Agency:
User Services:	Tami Moore	non-profit organization
Delivery Systems:	Bert Palmer	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Association of Washington Business
Community Colleges
School Districts

SYSTEM DELIVERY MEDIA:

Time-shared Computers
Micro-search plus books
Needle-sort plus books
Microfiche
Personal Computer Systems

DEVELOPMENTAL PROJECTS:

Resume, Project Future, Military Occupational Information, Project Pathway

SERVICE

RECORD OF SERVICE, 1984-85	286 SITES	235,420 USERS
Estimated Service, 1985-86	415 Sites	

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
39	Junior High Schools	7%	21,823
127	Senior High Schools	30%	114,568
3	Vocational/Technical Institutes	60%	6,457
18	Community & Junior Colleges	67%	54,211
2	Four-year College	33%	4,900
10	Employment & Training Centers		3,948
6	Employment Security Offices		
15	Counseling Agencies		7,930
43	Rehabilitation Agencies		20,783
2	Correctional Institutions		800
17	Libraries		
4	Business and Industry		

WISCONSIN CAREER INFORMATION SYSTEM

UNIVERSITY OF WISCONSIN - MADISON
1025 W. JOHNSON STREET, ROOM 964
MADISON, WISCONSIN 53706

608/263-2704

* In service since 1976 * Delivery System: Wisconsin

MANAGEMENT

Director:	Roger Lambert	Staff: 12 FTE
Information Analysis:	David Caulum	Administrative Agency:
User Services:	David Caulum	University of Wisconsin-Madison
Delivery Systems:	David Caulum	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Dept. of Industry, Labor, & Human Relations
Board for Vocational Technical & Adult Education
Emp. & Training Council — Coop. Ed. Service Agencies
Assn. of School Dist. Admins. — Assn. of School Boards
Local university campuses — Local school districts
Local VTAE campuses — University of Wisconsin
Department of Education — Job Service — Labor Unions

SYSTEM DELIVERY MEDIA:
Time-shared Computers
Microcomputers/Hard Disk
Micro-search plus books
Scan booklet plus books

SPECIAL FEATURES:
Complete system on micro
Micro-search system
Comprehensive printed version

DEVELOPMENTAL PROJECTS: Development of an IBM-PC comprehensive system with hard disk. Development of elementary/middle school materials. Development of Counselor Training Handbook for using Labor Market Information. Development of career kits for counseling home-based or out-of-school youth.

SERVICE

RECORD OF SERVICE, 1984-1985	500 SITES	240,000 USERS
Estimated Service, 1985-1986	516 Sites	250,000 Users

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
334	Elementary, Junior High, and Senior High Schools	65%	156,600
28	Vocational/Technical Institutes	100%	25,500
80	Four-year Colleges & Universities	100%	25,000
3	Employment and Training Centers		1,200
49	Employment Security Offices	100%	8,700
22	Other Member Agencies		32,000

DELIVERY SYSTEMS

Time-shared Computers	65 sites	12,000 users
Microcomputers (full system)	90 sites	81,000 users
Micro-search plus Books	175 sites	60,000 users
Scan booklet plus Books	516 sites	250,000 users

FINANCES

Service Fees from Subscribing Institutions	$396,476
TOTAL 1984-85 OPERATING BUDGET	$451,620

WYOMING CAREER INFORMATION SYSTEM

P.O. BOX 3808
UNIVERSITY STATION
LARAMIE, WYOMING 82071

307/766-6189

* In service since 1979 * Delivery System: CIS

MANAGEMENT

Director:	Barry Ballard	Staff: 3 FTE
Information Analysis:	Juanite Ackerman, Diane Latos	Administrative Agency: University of Wyoming
User Services:	Tamy Argyle	

ORGANIZATIONS REPRESENTED ON GOVERNING OR ADVISORY BODY

Community College Commission
Dept. of Adm. & Fiscal Control
Department of Labor & Statistics
Div. of Vocational Rehab.
Employment Security Commission
Department of Education
Economic Development & Stabilization Board
Director of Manpower Planning

SYSTEM DELIVERY MEDIA: Time-shared Computers
Micro-search plus books
Booklet plus books

SPECIAL FEATURES: Regional School File. Job Search information. Financial Aid Information. Military Information File.

DEVELOPMENTAL PROJECTS: Micro-QUEST IBM conversion

SERVICE

RECORD OF SERVICE, 1984-1985	56 SITES	7,000 USERS
Estimated Service, 1985-1986	80 Sites	7,064 Users

	USER SITES	SHARE OF POTENTIAL SITES	NUMBER OF USERS
3	Junior High Schools	7%	600
26	Senior High Schools	50%	5,064
4	Community & Junior Colleges	57%	800
1	Four-year College & University	100%	400
23	Rehabilitation Agencies	100%	N/A
23	4-H	100%	200

DELIVERY SYSTEMS

Time-shared Computers	5 sites	2,232 users
Microcomputer plus Books	47 sites	4,632 users
Booklet plus Books	28 sites	200 users

FINANCES

Service Fees from Subscribing Institutions	$36,700
Central Support	$34,848
TOTAL 1984-85 OPERATING BUDGET	$71,548
Estimated 1985-86 Operating Budget	$82,321

DESCRIPTIONS OF MAJOR SOFTWARE SYSTEMS

AEL Career Information System

Career Information System

Career Prospects

CHOICES

COIN/Bell & Howell

National Educational Software Services

DISCOVER

Guidance Information System

Micro-SKILLS

System of Interactive Guidance and Information

VIEW

AEL CAREER INFORMATION SYSTEM

The Career Information System developed by the Appalachia Educational Laboratory (AEL) is a component of a broader Career Decision-Making (CDM) Program funded by the National Institute of Education as part of a National Career Education effort. In addition to the AEL-CIS, the CDM Program consists of curriculum materials for use by high school and college students, adults, and others in special manpower and career development/placement programs.

The AEL-CIS is different from the career information delivery systems existing in most states. The AEL system does not contain occupational information. It is an organization, management, and access system for all types of career information resources. The AEL-CIS is based upon the Work Group structure of the **Guide for Occupational Exploration** (GOE), a supplement to the **Dictionary of Occupational Titles** (DOT), 4th edition. An educational version of the GOE was developed, the **Worker Trait Group Guide.**

The **Worker Trait Group Guide** structure provides for the organizational structure of the AEL-CIS. All career information resources are filed and/or indexed to their related Worker Trait Groups. In addition, access variable materials have been developed which are based upon the worker characteristics and work factors associated with the Worker Trait Groups. These access variables/materials, along with other commercially available interest aptitude and other assessment materials, have been linked to the related Worker Trait Groups. Thus, the Worker Trait Groups provide a system for linking commonly used access variables and available career information resources.

The AEL-CIS is an open-ended system. It provides a structure for including typical print/audio-visual occupational information, experiential resources, education and training programs available, and employment opportunities. Most of the commonly used commercial career information resources have been indexed to the Worker Trait Group structure. In addition, some of the major computer-based career information systems have also been indexed to the Worker Trait Group Structure. Thus, the AEL Career Information System provides for the organization and management of multiple systems of available information so that they can be readily accessed for career exploration and educational planning.

The Program has been successfully disseminated throgh NIE, AEL, and McKnight Publishing Company, the publisher solicited through a competitive bid process. Over a five year research, development, field test, and revision process, the Program was learner verified in 40 sites in 16 states. Since its publication in 1978, it is estimated that Program materials have been used by over 5,000,000 persons.

Contact: AEL
P.O. Box 1348
Charleston, WV 25325

or Bennett-McKnight
809 W. Detweiler Drive
Peoria, IL 61615

CAREER INFORMATION SYSTEM

The Career Information System (CIS) is an information base for career planning. Good national data are available, but important labor market and education data are produced at the state and substate levels also. CIS is the delivery model that was designed for state-level operation. State-based CIS Operators currently serve 13 states.

DELIVERY

The CIS information is delivered on microcomputers, on time-shared computer systems, and in a manual print or microfiche format. Computer delivery allows users to access any piece of information at any time and to sort quickly through occupational titles that match their interests and abilities. In a sense, computer power allows the user to simulate a variety of opportunities that might use the person's unique skills and interests. The details of individual occupations within those fields are available by typing a few simple commands. Computer delivery has been found to be attractive and motivational for youths and adults. In every survey of CIS users, over 80% report that CIS is easy to use and relevant to their personal plans.

Coupled with the flexible QUEST needle-sort cards, print becomes an effective and low-cost system. Career information is perishable, and many CIS organizations label their books with "shelf dates."

Microcomputers offer a new dimension in cost and flexibility. Many state CIS Operators are utilizing this attractive option for a diverse group of clients. Micro-QUEST is available for Apple II, TRS-80, and IBM-like microcomputers. Micro-CIS contains both sorting routines and full information files for small systems with hard disks.

CIS can operate on most microcomputers and on large computers which have time-shared Fortran. Specifically CIS has been adapted to the following systems.

CP/M-based microcomputers	DEC-VAX
MS-DOS-based microcomputers	IBM/CMS
Hewlett-Packard 3000	IBM/TSO
PDP-11	Honeywell 6600 series
DEC-10	Honeywell Sigma series
DEC-20	Control Data Cybers
	Univac 9080

Research, development and technical assistance for CIS is carried on at the University of Oregon, which holds copyright to CIS system components.

SYSTEM DESIGN

CIS is designed to access computer-stored information via microcomputers, printing terminals, or through a needle-sort card deck with printouts of the System's information in book form. With the System's information stored and accessed in a computer system, state CIS Operators can easily update the information. Computers also allow flexible access to any component at any time.

USER'S HANDBOOK - This simple guide makes CIS even easier to operate and provides each user a personal copy of useful information.

QUEST - an introductory questionnaire that allows users to identify occupations that would utilize their interests, aptitudes, and personal preferences.

DESCRIPTION FILE - occupations that represent over 90% of a state's employment. The descriptions include job duties, working conditions, hiring requirements, and employment prospects. They can be localized to geographic regions within a state.

BIBLIOGRAPHY FILE - the most pertinent occupational publications.

VISIT FILE - local people available to discuss their respective occupations with interested individuals.

MILITARY OCCUPATIONAL SPECIALTIES - special features of each occupation that is found in the military.

PREPARATION FILE - skills and licensing needed to prepare for the occupations, with cross-references to appropriate training.

JOB SEARCH - information and tips on preparing resumes, researching firms, interviewing, and other job search activities.

PROGRAM FILE - postsecondary educational programs including specialties, program objectives, courses and a list of schools in the state that offer the program.

APPRENTICESHIP - description of the Apprenticeship Program and how to apply for admission.

SCHOOL FILE - all two- and four-year colleges and licensed proprietary institutions in the state. Users may compare schools.

NATIONAL SCHOOL FILE (optional) - allows users to compare any four-year schools in the United States.

SCHOOL SORT - enables a user to sort the national school file for colleges with appropriate majors and other characteristics. SCHOOL-SORT screens schools based upon selected characteristics of the schools. Users may compare schools on a variety of topics.

AID - information about financial aid programs and how to apply for money to help pay for college.

Contact:

National Career Information System
1787 Agate Street
University of Oregon
Eugene, Oregon 97403
(503) 686-3872

CAREER PROSPECTS

Career Prospects is a software package developed by the Nebraska Career Information System (NCIS) to operate on the Apple II.

Career Prospects incoporates Micro-QUEST, the popular search strategy NCIS adapted for use with the Apple II. With Micro-QUEST, students can select occupations related to their personal interests, talents, and abilities.

Career Prospects provides students with descriptions for any of 557 occupations that may interest them. Each description contains the title, definition, and identifying number of the occupation as listed in the **Dictionary of Occupational Titles.** In addition, Career Prospects groups the occupations under Standard Occupational Classification numbers. This makes Career Prospects compatible with the new 1984-85 edition of the **Occupational Outlook Handbook** which is organized under the Standard Occupational Classification system.

Each description in Career Prospects also provides the specific functions a person employed in the occupation performs, the wage ranges for beginning and experienced workers, and the national and state employment outlook for the occupation and related occupations including a cross reference to Military Occupations.

But Career Prospects offers more than occupational information. Career Prospects also offers students brief descriptions of 115 educational programs designed to prepare people for particular occupations.

Each program description in Career Prospects explains what skills a program of study usually teaches. Career Prospects also lists the courses a student typically takes in the program and refers students to related programs that may be of interest. Specific occupations for which a program prepares students are listed for each program, too.

Finally, Career Prospects refers students to 109 Nebraskan and 25 Midwestern schools, colleges, and universities that offer these educational programs. Career Prospects notes whether these schools offer short-term, associate degree, bachelor degree, or graduate programs in a given program area.

Besides the extensive information this software package offers students, counselors will appreciate the fact that Career Prospects is self-explanatory. With Career Prospects, counselors are free to counsel while Career Prospects refers students to the information.

Counselors also will appreciate the fact that Career Prospects links directly with the **Dictionary of Occupational Titles** and the Standard Occupational Classification taxonomies, basic sources for additional occupational information.

Contact: Nebraska Career Information System
511 Nebraska Hall
University of Nebraska-Lincoln
Lincoln, Nebraska 68588-0552
(402) 472-2570

CHOICES

CHOICES is the most comprehensive career information system currently available for a variety of microcomputers. The CHOICES program includes both Occupation and College Components.

The Occupation Component includes:

Four different information accessing routines,
A comprehensive array of career search criteria (67),
A complete printout of the user's interaction,
Computer-generated occupational descriptions, and
In-depth career assessment materials and counselor documentation.

The four information accessing routines are: Explore, Related, Specific and Compare. To prepare themselves for using Explore, users complete printed career assessment inventories contained in the user "Guide." Their results are then used as the basis for the computerized search for appropriate occupations. The Explore routine allows the user to 1) employ the variables in the order of personal preference and 2) ignore variables that are not important to them. At any time, users can get lists of suggested occupations and find out why others are not listed. After using Explore, users can go to other CHOICES routines and later return to Explore and continue from the point where they previously ended.

The Related routine is unique to CHOICES. It will identify occupations that have characteristics that are similar to one of interest to the user. For example, CHOICES can generate a list of occupations that have aptitudes, interests, earnings and Holland Codes that are similar to those of guidance counselors.

The Specific routine provides occupational descriptions both on the computer screen and printer. A description of the work performed and the following information is provided:

education requirements	future demand
temperaments	physical activities
interests	hours of work/travel
occupational fields	physical demands
environmental conditions	aptitudes
work setting	Holland codes
earnings	training requirements

In addition, cross-references to page numbers in the **DOT**, **OOH**, and **MILITARY CAREER GUIDE** are provided.

The Compare routine is also unique to CHOICES. It lists the same information as Specific but it does it for two occupations simultaneously in a side-by-side format. This feature provides a simple way to compare occupations such as civil and mechanical engineers. There is also a military file cross-referencing civilian and military occupations. The file contains descriptions for 210 military occupations.

The College Component: The College Component lists 2400 two- and four-year colleges and universities and 900 graduate schools. It has an Explore, or search, routine and a Specific, or description, routine. Users employ up to 11 different search parameters such as geographic location, college major, costs, college size, etc. to identify appropriate colleges. Then they are provided detailed descriptions of the colleges they choose.

Equipment: The CHOICES program runs on the following micros: Apple II Plus, Apple IIe, IBM PC and XT, Commodore Pet 8032 and 4032, Commodore 64.

Costs: The Occupation, College and Military Components are leased for $995 for the first year, and $895 for the following years of a three-year lease.

Contact: Robert Alexander
CSG Corporation
277 So. Washington, Suite 209
Alexandria, VA 22314
(703) 684-5101
(800) 255-5657

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COIN/BELL & HOWELL

The Coordinated Occupational Information Network (COIN) is a complete career information system designed for easy-to-access occupational/educational data. Quickly and easily, students, teachers, counselors, parents and job assessment personnel can search and evaluate career interests and opportunities. COIN provides in-depth data on a vast reservoir of occupational/educational opportunities.

Bell & Howell offers three COIN delivery methods that can be used independently or in conjunction with each other. These are: the Microfiche System; the Microcomputer System; and the On-Line Interactive Computer. Identical data are provided for all three deliveries, with full cross-referencing capabilities.

COIN is simple to use and requires no special training to operate. It can be used individually or in a group/classroom situation. Flexibility has been built into all three delivery systems for maximum utilization.

SIX FILES OF OCCUPATIONAL AND EDUCATION INFORMATION AVAILABLE FROM COIN.

1. Occupational File - description of major occupations and their specialties, including education/training requirements, wages, working conditions and other points of interest.

2. School Subject File - a broad, cross-referenced file relating particular high school subjects to individual occupations.

3. College Major File - descriptions of related post-secondary education and training programs; information on purpose, basic courses, entrance requirements, names of specific schools offering each program.

4. School File - descriptions of two and four-year public and private universities and colleges; lists all pertinent school information.

5. Apprenticeship File - descriptions of national apprenticeship training programs related to COIN occupations, how to apply, contact agencies, program content.

6. Military File - descriptions of military occupations and training opportunities related to COIN's civilian employment. Questions on branch of service, military job titles and rating numbers, and duties are all answered.

COIN OCCUPATIONAL INTEREST PROFILE.

Matching personal interest and needs, this one-page questionnaire helps the COIN-user to create a list of occupations to explore. Users respond to questions on:

- Interest
- Working Conditions
- Educational Levels
- Physical Strengths
- Physical Demands
- Salary Range

Contact: Bell & Howell
Publication Systems Division
Attention: Career Guidance
Old Mansfield Road
Wooster, Ohio 44691
Tel: 1-800-321-9881 or (216) 264-6666

NATIONAL EDUCATIONAL SOFTWARE SERVICES

Guidance information programs for Apple II, II+, IIe, TRS-80 III, IV, IBM and Commodore PET 4032 and Commodore 64 and 128 microcomputers are available.

The Career Scan IV and the College Scan IV programs are two comprehensive lowcost guidance information packages for direct student use which are capable of providing extensive information and assistance to the student in exploring careers, selecting an appropriate college or university, determining financial aid, and finding a job.

Career Scan IV is a comprehensive career search and exploration package accessing more than 800 occupations and directly referencing major federal occupational publications including the **Occupational Outlook Handbook (OOH)** and the **Guide to Occupational Exploration (GOE)**. It was developed by a team of educators, researchers, counselors, and programmers with extensive experience in career information development and computer applications.

It is based on the latest and most usable guidance classification system available--the Standard Occupational Classification (SOC) which clusters the more than 12,000 entries in the **Dictionary of Occupational Titles** into SOC occupational titles. To search this vast amount of information the program matches the profiles of occupations against interests and abilities entered by the student.

College Scan IV covers over 1400 colleges nationwide and uses over 350 variables to search these colleges. Searches are based on student responses to a variety of questions relating to the variable. Direct access is also available. Source data on the college comes from the National Center for Educational Statistics and the **College Admissions Data Handbook** which is the most up-to-date comprehensive source of college and university information available.

Financial Aid Scan IV provides students and their parents with a candid English explanation of the Pell Grant student aid program. It also calculates the estimated Pell Grant Index and shows the probable aid level that might be expected based upon eligibility and the cost of various colleges a student might attend.

Job Hunter Scan IV is a unique program enabling students to cross-reference 800 occupations directly to major headings in the Telephone Directory Yellow Pages. It also covers job hunting skills as well as additional cross references to educational programs and industries.

Programs are totally self-instructional, they do not require a person to assist during use, thus freeing the counselor for other work. The programs continually feed information back to the user and ask the student to verify answers. Upon completion of a search, which usually takes 15 minutes, information is provided on occupations, colleges, financial aid or job hunting, which matches the student's request for information.

These low cost programs (Career Scan IV, $169; College Scan IV, $195; Financial Aid Scan IV, $89; and Job Hunters Scan IV, $139) are available for Apple, TRS-80, IBM, and Commodore computers. (IBM PC under development).

Contact: National Education Software Services
1879 Locust Drive
Verona, WI 53593
(608) 845-8410

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DISCOVER

DISCOVER is a comprehensive set of computer-based career guidance and information systems designed for multiple audiences under the leadership of Dr. JoAnn Bowlsbey. There are three distinct versions of DISCOVER based upon the characteristics of the clients to be served.

DISCOVER Versions

DISCOVER for Secondary and Postsecondary Schools is the original and most widely used version. It is designed to serve career and educational planning needs for traditional high school and college students. This version of DISCOVER can be delivered through a variety of popular minimcomputer and microcomptuer configurations. Among the hardware options are models from Apple, Digital Equipment Corporation (DEC), Hewlett Packard (HP), IBM and Tandy.

DISCOVER for Adult Learners is recommended to serve clients who wish to return to a formal educational experience in preparation for a career change or reentry into an occupation. It is frequently used on college campuses, in public libraries and in counseling practices. **DISCOVER for Adult Learners** currently operates on IBM and Tandy microcomp ers with a hard disk.

DISCOVER for Organizations is the choice for serving clients who seek a career development experience within the context of their current employment. This system is used within the human resource development, training or personnel branches of government, business and industry. It is also applicable in colleges to serve local

corporations through career development or training programs. **DISCOVER for Organizations** is designed to permit extensive customization or localization to meet the specific needs of the licensee. This system is available on IBM microcomputers with a hard disk.

DISCOVER Content

Inclusion of and emphasis on interactive guidance components makes DISCOVER unique among currently available computer-based systems for career planning. Though there are significant variations in the content of the three versions, each contains on-line exercises which help the user gain self-knowledge. All versions of DISCOVER include the UNIACT Interest Inventory, a skills or ability rating exercise and a survey based on Donald Super's work related values. The versions designed for adults also include an experience inventory. DISCOVER stores and interprets the results of each inventory or assessment immediately upon its completion and provides the user a list of suggested occupations based on his or her personal profile. DISCOVER relates the user's results to ACT's World of Work, which is a model for organizing occupations into clusters, regions and families. In addition to these common items of content, each version has unique features.

DISCOVER for Secondary and Postsecondary Schools enables users to get additional lists of occupations for investigation through entering scores from common interest inventories and ability measures. In addition, this system permits the client to search for occupations by academic areas of study and by job characteristics. This system includes extensive information about 425 occupations. This information can be enhanced through visual images illustrating the work setting, tools and tasks through the optional Occupation Videodisc. DISCOVER for schools includes both a search and a direct access mode for using national files of two-year and four-year colleges and graduate schools. The entire college file and portions of the occupational file for each job are updated annually.

DISCOVER for Adult Learners contains the same occupational and college files as the school version. In addition, the educational files include searches for external degree programs as well as information about other non-traditional ways of gaining credits. This system helps users understand their life roles and transitions in those roles through interactive exercises. An entire section is devoted to exercises which help the user learn about and apply decision-making skills. A final portion enables the client to

develop job seeking skills. This section includes the identification of job openings, selection of a job to pursue, resume writing and interviewing skills.

DISCOVER for Organizations provides exercises which help employees identify their current level of job satisfaction and their readiness for change. The ability and values exercises in this system relate directly to the user's work experience. The on-line activities in the system are supplemented with exercises which give impetus to extensive off-line exploration of options available within the organization. A section leads the user through the development and prioritization of career development goals. A final module enables the users to interactively develop detailed action plans for the implemenation of their goals, along withinterviewing, resume writing and networking skills.

Additional information about any version of **DISCOVER**, including demonstration copies, license fees and detailed hardware specifications can be obtained through any of ACT's regional offices or the national headquarters.

Contact: The American College Testing Program
Educational Services Division
Box 168
Iowa City, Iowa 52243
(319) 337-1052

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GUIDANCE INFORMATION SYSTEM*

The Guidance Information System (GIS), a comprehensive computer-based career information system, helps to close the communication gap between the facts and those who need to know them for effective decision-making. With GIS, a user can easily access a variety of career related information files which include:

* 1025 occupations
* more than 1,700 two-year colleges
* more than 1,700 four-year colleges
* approximately 1,500 graduate schools
* armed services occupations
* financial aids

All of the information in the GIS national files is reviewed and updated each year.

National, regional and state information can be provided through the GIS which is currently used in forty-seven (47) states, the District of Columbia and Great Britain. It is available at approximately 4,000 sites in a variety of settings such as junior and senior high schools, two and four-year colleges, job training centers, voc-rehab. centers, libraries, employment service offices, prisons, and private industries.

GIS Options Program: The GIS Options Program allows for the addition of state or regional information to the national GIS. The approach is one of sharing responsibilities and capitalizing on the existing resources and data available in the state and at Houghton Mifflin Company/TSC Division. HMCo/TSC provides the technical expertise needed in the design of the files and the data collection instruments. HMCo/TSC also assumes responsibility for data entry into the computer and proofing. For some files, HMCo/TSC can also collect the data. HMCo/TSC generates and distributes the completed computer tape(s) to the designated computer sites. Updated information is provided twice per year. This procedure allows the client to place more of its resources into information development and user services, and requires less involvement in technical data processing issues.

Hardware: The GIS runs on numerous computers, including:

Personal Computers	**Mainframes**
Apple IIe & ProFile	PDP 11
Apple III & Profile)	DEC MICRO/PDP-11
DEC Rainbow 100+	DEC 10, DEC 20
IBM XT	VAX
	IBM 370 (various operating systems)
	Prime
	HP 2000C, 2000F, 2000 Access
	HP 3000
	Honeywell (various models with GCOS)

Contact: Ms. Sherrie Smith
Product Specialist
Houghton Mifflin Company
TSC Division
Hanover, NH 03755
P. O. Box 683
(603) 448-3838

* "GIS"is a trade mark of Houghton Mifflin Company/TSC.

MICRO-SKILLS

Micro-SKILLS uses the EUREKA SKILLS Inventory in an interactive format on a microcomputer. The EUREKA SKILLS Inventory is a career planning tool which allows clients to decide which skills they enjoy using in their work and select occupations which use those skills. Micro-SKILLS runs on Apple II and IBM PC computers, or can be used through mail-in processing.

The EUREKA Skills Inventory is available in four formats. Each of these formats leads clients through the process of selecting skills they want to use in their work. The counselor must decide which format will work best with each client.

A. The Skills Inventory Worksheet takes clients through the process of selecting their skills in a structured way and is designed for settings where the client works independently for periods of time. Form R of the worksheet, written at the 10th grade reading level, is shorter and Form E, written at the 5th grade reading level, has more detailed definitions of the skills.

B. The Skills Cards list each skill in a separate card for ease of sorting. This format can be used in conjunction with other exercises for skills analysis or for clients who know themselves well and do not need exercises to identify their skills. The cards are available in both Form R and Form E.

C. The Automatic Processing Form emphasizes simplicity and speed for clients who need a great deal of counselor support and have prior work experience. It is written at the 5th grade reading level and can only be scored using the Batch Processing Program.

D. The DECIDE feature of Micro-SKILLS II leads clients through the skills selection process on the computer. It is similar to using the Skills cards but it is done totally by computer. The Form R version of Micro-SKILLS II uses the 10th grade reading level skills descriptions and the Form E version of Micro-SKILLS II uses the 5th grade reading level skills descriptions.

All of these formats, whether a microcomputer program or mail-in processing, produce the same printout reports. The first part of the report is a summary of the client's skills, which are statistically compared to the skills required by each of almost 400 occupations. A list is produced of the 30 occupations which best match the client's skills.

Clients may explore any occupation further. This component, called VIEW, lists the skills required by a specific occupation along with those reported by the client. The graphic presentation of the matches and differences clarifies possible conflict areas for the client. Clients may use VIEW to examine occupations which they were surprised to find on their lists or to find out why occupations they had been considering did not appear on their list. VIEW displays relevant, concrete information on the skills needed for an occupation in a format which is easy to use and inspires discussion with a counselor.

Contact: EUREKA Corporation
5625 Sutter Avenue
Richmond, CA 94804
(415) 524-4976

SYSTEM OF INTERACTIVE GUIDANCE AND INFORMATION

DESCRIPTION: The System of Interactive Guidance and Information (SIGI, pronounced "Siggy") is a career guidance software package designed by Educational Testing Service, the nation's largest non-profit testing service. SIGI helps its users examine their own values, receive lists of occupations that meet their values, obtain accurate and up-to-date information about occupations, plan their post-secondary education, and learn how to make decisions. SIGI provides a highly personalized way to learn about careers and about the education needed to prepare for careers. Dr. Martin Katz, the

designer of SIGI, once described it as "based on a humanistic philosophy, a theory of guidance that emphasizes individual values, a vast store of occupational data, and a strategy for processing information--all blended into a unified system." He designed SIGI "to increase students' freedom of choice and develop their understanding of the elements involved in choice, and to improve their competence in the process of making informed and rational career decisions."

AUDIENCE: SIGI has been adopted by several hundred colleges and universities throughout the United States and by a few high schools, public and private career counseling agencies, public libraries, and by businesses with career development programs for employees. SIGI is appropriate for students who are enrolled in colleges or universities and for those students who plan some post-secondary education. A new version of SIGI--SIGI PLUS--is presently under development and is expected to be available in the spring of 1985. SIGI PLUS will run on IBM PCs and XTs with hard disks, on TRS-80s with hard disk, and on VAX mainframes from DEC.

HARDWARE: SIGI operates on both mainframe and microcomputers. It was originally designed for the PDP-11 from Digital Equipment Corporation and now runs on other mainframe and minicomputers from Digital, Hewlett Packard, and other manufacturers. On microcomputer, SIGI is available for the TRS-80 Models II, 12, and 16. It is also available for the IBM Personal Computer, with an external hard disk, and on IBM's XT Personal Computer with built-in hard disk. The program itself is identical on each of the listed computers. SIGI PLUS willrun on IBM PC's with hard disks, on TRS-80's with hard disks, and on VAX mainframes from DEC.

SOFTWARE SPECIFICATIONS: SIGI is leased on an annual basis and is not available for sale. It is updated each year and its annual updates are sent automatically to all users.

ADDITIONAL INFORMATION: SIGI is available for preview at no charge. It can also be used at any of the eight regional field service offices of Educational Testing Service.

Contact: SIGI Office
Educational Testing Service
Princeton, New Jersey 08541
(609) 921-9000
or (800) 257-7444

VITAL INFORMATION FOR EDUCATION AND WORK

What is VIEW? VIEW is a career guidance and counseling tool that is developed and distributed through various State Departents of Education. VIEW is distributed on microfiche, microfilm, aperature cards, and hard copy.

What Does it Provide? The VIEW programs contain information on occupations and related educational and training programs within a specific State.

What Information is Provided on Each Occupation or Program? The content varies by State but usually consists of information such as:

- Job descriptions, personal traits, aptitudes, and physical abilities;
- Education and training needed, locations where education and training are offered and where to write for additional information;
- Working conditions, fringe benefits, statewide demand, starting and average salary, prospects for employment and advancement;
- Additional information about the occupations or program and related occupations.

Contact: Department of Education or the Department of Vocational Education in the appropriate state.

TECHNICAL NOTE

Sites and Users The estimates for the total numbers of individuals and of sites served by state-based Career Information Delivery Systems in 1983-84 and 1984-85 are aggregates of the numbers reported by most of the CIDS and of estimates of those numbers for states not reporting, based on other information. The Directory questionnaire sent to all CIDS defined the numbers requested, as follows:

"(1) A user site is defined as an institution or agency where your system (structured access plus information files) is actually in use during the year. Include both computer and manual delivery sites, but exclude locations that may have only information files for reference purposes.

"(2) Estimated number of users is a count of individuals who use the system, not of transactions. If you do not have a basis for estimating actual usage (e.g. you know only the number of students in a school but not the number who actually use the system), report two-thirds as estimated users."

Each system operator has its own way of counting users. Some base the estimate on computer records, some on the number of copies of printed user material distributed, others on estimates given by local site coordinators, and others on figures from contracts with user sites. One of the more common ways is to use the results of periodic site surveys; these have quite consistently shown that two-thirds of the students in a high school where the sytem is reasonably accessible will use it in a year's time.

Delivery Systems The figures for delivery system installations show the number of delivery devices in use. That total may exceed the number of sites, because individual user sites often have more than one delivery medium (e.g. both computer and manual systems).

MEMBERS OF ACSCI

FULL MEMBERS

Alaska Career Information System
EUREKA, California Career Information System
DELPHI, Delaware Comprehensive Occupational Information System
Florida CHOICES
CAREER KOKUA, Hawaii Career Information System
Idaho Career Information System
HORIZONS, Illinois Career Information Delivery System
Indiana Training & Educational Data Service
Career Information System of Iowa
Kansas CAREERS
Minnesota Career Information System
Nebraska Career Information System
New York City MetroGuide
Oregon Career Information System
South Carolina Occupational Information System
Texas Rehabilitation Commission
Virgina VIEW
Wisconsin Career Information System

SUPPORTING MEMBERS

American College Testing Program (DISCOVER)
Appalachia Educational Laboratories
Bell & Howell (COIN)
Chronicle Guidance Publications
CSG Corporation (CHOICES)
Educational Testing Service (SIGI)
Holt, Rinehart & Winston
Houghton Mifflin/TSC Division (GIS)
Laureate Learning System
Micro Management Group
MicroSKILLS
National Career Information System (CIS)
National Center for Research in Vocational Education
National Educational Software Services

"END OF DOCUMENT"